

Susan Buchanan - NOAA Federal

From: Susan Buchanan - NOAA Federal
Sent: Monday, September 2, 2019 9:20 AM
To: Christopher Vaccaro - NOAA Federal; Julie Roberts - NOAA Federal
Cc: _NWS PA; Dennis Feltgen; David Miller; Jeremy Andrucyk; Corey Pieper - NOAA Federal; Scott Smullen; Kate Brogan
Subject: Re: Tweet re: Alabama being in Dorian's path

Hi Julie and Chris - Hopefully the media interest in this issue has died down. I wanted to let you know that the forecasters in Birmingham who made the clarification post for Alabama was unaware of the POTUS tweet when they made their post. They had started getting a lot of calls from partners and the public out of the blue, asking about the hurricane and local impacts. Though they didn't know what prompted these calls, but felt they needed to clarify from an operational perspective. I hope this info helps. -Susan

--

Susan Buchanan
Director of Public Affairs
National Weather Service
301-427-9000

On Sun, Sep 1, 2019 at 3:00 PM Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov> wrote:

Folks-

We have at least one media inquiry about the accuracy of this Tweet:

<https://twitter.com/realDonaldTrump/status/1168174613827899393>

NWS Birmingham subsequently issued this Tweet:

<https://twitter.com/NWSBirmingham/status/1168179647667814400>

Any/all media inquiries about this should be directed to me and Julie Roberts.

Thanks!

-Chris



Chris Vaccaro

Senior Media Relations Specialist

NOAA Communications

C: (b)(6) / O: 202-482-3978

Jasmine Blackwell - NOAA Federal

From: Jasmine Blackwell - NOAA Federal
Sent: Tuesday, September 3, 2019 9:40 AM
To: SR-SRH Roc - NOAA Service Account
Subject: Fwd: Urgent press inquiry re. Hurricane Dorian

Hi SR Roc,

I know we have been sending a lot of requests your way. Please let me know if you have a meteorologist on hand that can answer the questions in the thread below.

Thanks!

--

Jasmine Blackwell

Public Affairs Specialist
NOAA's National Weather Service
Office: 301-427-9002 | Mobile: (b)(6)

----- Forwarded message -----

From: **Justine Calma** <justine.calma@voxxmedia.com>
Date: Tue, Sep 3, 2019 at 9:37 AM
Subject: Urgent press inquiry re. Hurricane Dorian
To: <susan.buchanan@noaa.gov>, <maureen.oleary@noaa.gov>, <jasmine.blackwell@noaa.gov>

Dear Susan, Maureen, and Jasmine,

I am a journalist with the The Verge who is reporting on what has made Hurricane Dorian difficult to track. I hoped I might be able to speak with a meteorologist with the National Weather Service this morning. I've included some of my questions below, but I'd also be happy to jump on a call if that would be more convenient. I'm based in New York, and will be available at your earliest convenience.

Why has it been difficult to forecast which way Dorian is headed?

Are these challenges particular to Dorian? Are there other factors that make it difficult to forecast any hurricane's path?

Are there any emerging methods or technologies that will make this easier in the future?

Are you concerned about [5G networks interfering with weather forecasts](#)?

Thanks so much for your consideration, especially under a tight deadline.

All the best,

Justine Calma

--

Justine Calma |



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[Polygon](#), [Eater](#), [Curbed](#), [Recode](#), [Chorus](#),
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Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Wednesday, September 4, 2019 3:27 PM
To: Jerry Slaff - NOAA Federal
Cc: Scott Smullen
Subject: Re: Tweet shows POTUS altering NHC map

Thanks...we are aware and inquiries are pouring in.

Sent from my iPhone

On Sep 4, 2019, at 3:21 PM, Jerry Slaff - NOAA Federal <jerry.slaff@noaa.gov> wrote:

Part of a video. Shows a sharpie extension of cone to include Alabama, which he had said earleir was under a caution. In case you get calls.

<https://twitter.com/wxdam/status/1169308075662151680?s=20>

=====

Jerry Slaff
Public Affairs Specialist • NOAA Office of Communications
detailed to National Ocean Service Public Affairs
Silver Spring, Md.
240.533.0935 office / [REDACTED] cell

Dennis Feltgen - NOAA Federal

From: Dennis Feltgen - NOAA Federal
Sent: Wednesday, September 4, 2019 9:32 AM
To: Joel Cline - NOAA Federal
Subject: Fwd: Dorian Twitter Question

----- Forwarded message -----

From: **Alexandra Hines - NOAA Affiliate** <alexandra.hines@noaa.gov>
Date: Wed, Sep 4, 2019 at 9:31 AM
Subject: Dorian Twitter Question
To: Dennis Feltgen - NOAA Federal <dennis.feltgen@noaa.gov>

Hi Dennis,

I received another Twitter question, that I am not sure how to answer. Would you mind taking a look when you have a chance?

How high/wide is the eye-wall of [#Dorian](#) ? Is that measurable ? Would that account for the stalling nature over the [#Bahamas](#)

Best,
Alix Hines
Science Writer and Social Media Specialist (IMSG)
NOAA's Satellite and Information Service
Cell: (b)(6)

--
Dennis Feltgen
Communications & Public Affairs Officer
Meteorologist
NOAA Communications & External Affairs
National Hurricane Center
Miami, Fla.
305-229-4404
(b)(6) (cell)
dennis.feltgen@noaa.gov

William Straka

From: William Straka
Sent: Tuesday, September 3, 2019 9:08 AM
To: Alexandra Hines - NOAA Affiliate; John Leslie - NOAA Federal
Cc: Sara Leeds - NOAA Affiliate; Jennifer Fadoul; Ashley Hume - NOAA Affiliate
Subject: Re: Early image delivery for Dorian

That was really quick for a question. ??

The answer is basically what you have there. The colors are indeed an indication of temperature, which is what the colorbar up top is. Orange, red and black are colder, taller clouds, which are as you said, where the more intense parts of the storm are located. So what you have is correct.

From: Alexandra Hines - NOAA Affiliate <alexandra.hines@noaa.gov>
Sent: Tuesday, September 3, 2019 7:56 AM
To: John Leslie - NOAA Federal <john.leslie@noaa.gov>
Cc: William Straka <william.straka@ssec.wisc.edu>; Sara Leeds - NOAA Affiliate <sara.leeds@noaa.gov>; Jennifer Fadoul <jenny.marder-fadoul@noaa.gov>; Ashley Hume - NOAA Affiliate <ashley.hume@noaa.gov>
Subject: Re: Early image delivery for Dorian

Hi William,

We received a question on social media that I'm not 100 percent sure how to answer. "There's a color scale at the top; What does that represent?
Is this a thermal image?"

Is it correct to respond with: "The colors in this infrared imagery indicate the temperature of the cloud tops. Orange and red signify colder, taller clouds, which correlate with more intense areas of the storm."

Best.

Alix Hines

Science Writer and Social Media Specialist (IMSG)

NOAA's Satellite and Information Service

Cell: (b)(6)

On Tue, Sep 3, 2019 at 6:37 AM John Leslie - NOAA Federal <john.leslie@noaa.gov> wrote:

Thank you very much, William!

Sent from my iPhone

On Sep 3, 2019, at 5:57 AM, William Straka <william.straka@ssec.wisc.edu> wrote:

The only reason I came in *really* early to work is that I didn't want to be biking in the storms this morning (lots of lightning right now. So, had to get in early so I could get you the images before I came back after working out in the gym. May try to do the writeup now before I

mozy over to work out. We'll see how far I get.

<kaeopfpfhdomgkbp.png>

--

William Straka III
Researcher
University of Wisconsin - Madison
Space Science and Engineering Center (SSEC)
Cooperative Institute for Meteorological Satellite Studies (CIMSS)
1225 West Dayton Street
Madison, WI 53706
Phone: (608) 262-5128
Fax: (608) 262-5974
Email: william.straka@ssec.wisc.edu

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<MiRS_NPP_RainRate_090319_0643_Dorian_labels.png>

Daniel Chaitin

From: Daniel Chaitin
Sent: Tuesday, September 3, 2019 4:59 PM
To: Susan Buchanan - NOAA Federal
Subject: Re: Your request to NWS re: Alabama

Awesome, thank you Susan. I'll be in touch over the course of this hurricane season.

-Daniel

On Tue, Sep 3, 2019 at 4:36 PM Susan Buchanan - NOAA Federal <susan.buchanan@noaa.gov> wrote:
Hi Daniel - your email just reached me since you sent it into a general email box. I'm in the national press office for the National Weather Service, so please feel free to keep my contact information handy for faster response in the future. The latter part of your question is accurate. The National Weather Service forecast office in Birmingham responded to inquiries to assure the public that Alabama was not in the projected path.

Regards,

-Susan

--

Susan Buchanan
Director of Public Affairs
National Weather Service
301-427-9000

Kim Darling - NOAA Federal

From: Kim Darling NOAA Federal
Sent: Monday, September 2, 2019 11:13 AM
To: Benjamin Friedman NOAA Federal
Cc: Mark Seiler NOAA Federal
Subject: Re: Recommendation for NOAA travel advisory for certain FL counties.
Attachments: TR.19 9 Hurrican Dorian.pdf

Ben,

Attached is the signed travel advisory for Dr. Jacobs review. It includes the latest updated counties that Capt. Lynch referred to today. Once he has authorized the advisory please let me know and we will have it distributed out.

Thanks,
Kim

Kimberly A. Darling
Director, Finance Office/Comptroller
National Oceanic and Atmospheric Administration
20020 Century Blvd.
Germantown, MD 20874
(301) 444 2806

Mission: Provide strategic, financial, and operational leadership to NOAA through committed teamwork and customer service.

Vision: Be a strategic partner for our internal and external stakeholders.

On Mon, Sep 2, 2019 at 9:32 AM Benjamin Friedman NOAA Federal <benjamin.friedman@noaa.gov> wrote:

Thanks, Kim. Since this is his first time, it would be great if you can get the paperwork to me so I can send to him.

Ben

Sent from my iPhone

On Sep 2, 2019, at 5:45 AM, Kim Darling NOAA Federal <kim.darling@noaa.gov> wrote:

Ben to clarify has Dr. Jacobs authorized this or do I need to get the paperwork done and signed to send to you for him?

Sorry to bother you,
Kim

Sent from my iPhone

On Sep 1, 2019, at 10:00 PM, Kim Darling NOAA Federal <kim.darling@noaa.gov> wrote:

Yes just provide the listing.

Sent from my iPhone

On Sep 1, 2019, at 8:56 PM, Benjamin Friedman NOAA Federal <benjamin.friedman@noaa.gov> wrote:

Thanks, Anne Neil is inclined to approve. Kim am I correct that you put together the paperwork for this? If so, can we collect all affected employees into one document for submission to Neil for approval?

Thanks!!

Ben

Sent from my iPhone

On Sep 1, 2019, at 7:11 PM, Anne Lynch NOAA Federal <anne.lynch@noaa.gov> wrote:

Thank you, sir.

I'm looping in the others for awareness and I am also just learning of evacuations ordered in South Carolina. I'll get a list of those counties as well so they can be covered in the same advisory. I'll add the SC counties to the shared doc.

V/R Anne

On Sun, Sep 1, 2019 at 6:42 PM Benjamin Friedman NOAA Federal <benjamin.friedman@noaa.gov> wrote:

Thanks, Anne! I forwarded to Neil seeking authorization for payments.

Ben

Sent from my iPhone

On Sep 1, 2019, at 5:22 PM, Anne Lynch NOAA Federal <anne.lynch@noaa.gov> wrote:

All,

In the shared document below is a list of the mandatory evacuation notices from Florida's Emergency Management website. I've included the county map (and I am sure there is a way to circle the counties in question, but it was taking me too long to figure out!) and I've shown an ERMA map of the NOAA sites in the region.

In short, six coastal counties have evacuation notices for low lying or other specific areas in the county. NOAA has offices in those counties. It can be assumed some employees/families may live in the mandatory evacuation areas of those counties.

Some evacuations started today, most start tomorrow. HSPO recommends that the process for travel advisory for mandatory evacuation travel approval be started with CFO/DUS/Leadership.

HSPO will monitor the other states as well as the storm moves west and north.

Please let me know if you have questions...Anne

(b) (6)

CAPT Anne K. Lynch, NOAA
Director, NOAA Homeland Security
Program Office
1315 East West Highway (SSMC3) Suite 10509
Silver Spring, MD 20910
301 628 5653

(b)(6)

(cell)

CAPT Anne K. Lynch, NOAA
Director, NOAA Homeland Security Program Office
1315 East West Highway (SSMC3) Suite 10509
Silver Spring, MD 20910
301 628 5653
(b)(6) (cell)



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

OFFICE OF THE CHIEF FINANCIAL OFFICER

MEMORANDUM FOR: ALL NOAA/BIS/EDA Employees

FROM: Kim. A Darling DARLING.KIMBERLY.A.1398604373 Digitally signed by DARLING.KIMBERLY.A.1398604373
Date: 2019.09.02 11:06:01 -04'00'
Director, Finance Office/Comptroller

SUBJECT: Travel Advisory 19-9 (Hurricane Dorian)
Evacuation Travel for Florida, South Carolina and Georgia

DATE: Effective September 2, 2019

The purpose of this advisory is to remind Line and Staff Offices of the rules regarding evacuation travel for employees and their dependents who are under a MANDATORY evacuation order as ordered by either a local, state or federal level. Employees and their dependents that live in the following eight counties of Florida include Brevard, Indian River, Martin, Nassau, Palm Beach, St. John's, St. Lucie, and Volusia; the following eight counties in South Carolina include Charleston, Berkeley, Dorchester, Beaufort, Colleton, Jasper, Georgetown, and Horry; and the following six coastal counties in Georgia include Glynn, Chatham, Liberty, McIntosh, Bryan, and Camden east of I-95 are under MANDATORY evacuation orders due to Hurricane Dorian are hereby entitled to evacuation travel and subsistence payments from time of the MANDATORY evacuation order until return within a reasonable period once the MANDATORY evacuation orders are lifted, not to exceed 180 days.

Employees who require evacuation travel **must** consult with their authorizing official **prior to travel** in order to determine eligibility. In addition, the authorizing official will work with the employee to determine the location of the safe haven as well as the appropriate per diem rate required.

Employees who are authorized to evacuate must have an approved TA in place in order to cover both the employee and his/her dependents. However, if there is not enough time to process a TA

prior to travel, the employee can perform evacuation travel under a verbal approval as long as a TA is processed by the next business day. Employees under an evacuation order must annotate:

- ‘Evacuation Travel’ in the Remarks of the TA;
- If applicable, list dependent’s names and dates of birth in the Remarks section of the TA;
- Indicate the location of the safe haven;
- Indicate the time required. Length of time is usually authorized in 30 day increments, but can be authorized for shorter timeframes if they can be determined up front; and
- Indicate the appropriate per diem rate authorized (locality or standard CONUS rate).

For guidance on how to process evacuation travel with dependents in E2, please reference the Standard Operating Procedures document entitled ‘Evacuation Travel’ located on the NOAA Finance Office E2 Solutions Travel Information web page:

http://www.corporateservices.noaa.gov/finance/docs/E2/E2_EvacuationTravelProcess.pdf.

For further instructions on how to process evacuation travel in E2, please contact Client Services:

E-Mail: ClientServices@noaa.gov or phone: (301) 444-3400, selects Option 2 for Travel assistance.

For policy inquiries on evacuation travel, please visit the NOAA Travel Regulation, Chapter 301, 15, Evacuation Travel:

<http://www.corporateservices.noaa.gov/finance/documents/TR.Chapter301.docx> .

For further policy guidance, please contact Rachael Wivell:

E-Mail: Rachael.S.Wivell@noaa.gov or phone: (301) 444-2136.

Julie Roberts - NOAA Federal

From: Julie Roberts - NOAA Federal
Sent: Friday, September 6, 2019 12:46 PM
To: Mary Erickson - NOAA Federal; Benjamin Friedman - NOAA Federal
Cc: Louis Uccellini - NOAA Federal; Stuart Levenbach - NOAA Federal; George Jungbluth - NOAA Federal; Susan Buchanan - NOAA Federal
Subject: RE: Birmingham, Alabama's National Weather Service Tweet contradicting NOAA'S graphics

Mary

Please do not respond.

Kindest regards,
Julie Kay Roberts, CEM
Deputy Chief of Staff
National Oceanic and Atmospheric Administration

“You can tell a lot about a fellow’s character by his way of eating jelly beans.” President Ronald Reagan

From: Mary Erickson - NOAA Federal <mary.erickson@noaa.gov>
Sent: Friday, September 6, 2019 12:36 PM
To: Julie Roberts <julie.roberts@noaa.gov>; Benjamin Friedman - NOAA Federal <benjamin.friedman@noaa.gov>
Cc: Dr. Louis Uccellini <louis.uccellini@noaa.gov>; Stuart Levenbach - NOAA Federal <stuart.levenbach@noaa.gov>; george.jungbluth@noaa.gov; Susan Buchanan - NOAA Federal <susan.buchanan@noaa.gov>
Subject: Fwd: Birmingham, Alabama's National Weather Service Tweet contradicting NOAA'S graphics

Ben, Julie, Stu & Louis,

See communication which came directly to me this morning, and which had a foxtv employee cc'd. I have not responded, and will not unless you request it.

Best,
Mary

Sent from my iPhone
Mary Erickson
NOAA DAA for Wx Services
(b)(6) (Cell)

Begin forwarded message:

From: Kathleen Ford <(b)(6)>
Date: September 6, 2019 at 11:56:46 AM EDT

To: mary.erickson@noaa.gov

Cc: Paul.Dellegatto@foxtv.com

Subject: Birmingham, Alabama's National Weather Service Tweet contradicting NOAA'S graphics

Dear Ms. Erickson,

It appears Birmingham National Weather Service's September 1, 2019 tweet "Alabama will NOT see any impacts from #Dorian. We repeat, no impacts from Hurricane #Dorian will be felt across Alabama. The system will remain too far east" contradicted NOAA's graphics at that time which showed a chance that Alabama would experience tropical storm force winds.

Earlier advisories (Advisory 21, for example) showed a significant portion of the State of Alabama in NOAA's "Earliest Reasonable Arrival of Tropical Storm Force Winds" graphic, which probably factored into the Alabama Governor's activation of the Alabama National Guard on August 30, 2019 where it described in its tweet August 30, 2019 at 10:11 AM

"#HurricaneDorian is projected to reach southern Alabama by the early part of the week. We are watching closely and #ready to act. Are you?"

National Hurricane Center Advisories #32 to #39 from Sept 1, 2019 at 5:00pm EST to September 2, 2019 at 5:00 pm EST, posted on the National Hurricane/ NOAA's website, are accompanied with graphics clearly showing the southeastern part of the State of Alabama in the graphics for the "Earliest Reasonable Arrival time of Tropical-Storm-Force Winds". The 5 day chance was low, nonetheless, it was still a risk.

As a consequence of the Birmingham Weather Service's tweet which conflicted with NOAA's graphics we have witnessed over 5 days of hysterical media stories criticizing President Trump for his statement that Hurricane Dorian could hit Alabama.

After preparing for 4 hurricanes in 6 weeks in 2004, then seeing the utter devastation in Punta Gorda after Hurricane Charlie hit, I understand and appreciate why NOAA and NHC are trying to get the public to focus beyond just the cone and not just on the line in the cone. I believe that is why NOAA's cone graphic states at the top "The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone." I also believe that is why President Trump's advisors advised him to focus beyond the cone to the larger areas described in NOAA's other graphics.

We are still in the middle of Hurricane season and Birmingham has created a real problem, in my opinion, by undermining the President as he tries to prepare the potentially impacted public for future storms. Like it or not, President Trump has a much larger media following than the main stream media which has been lying to the public for the last three years about President Trump colluding with the Russians.

Since NOAA's graphics showed part of Alabama still in the wind graphics, Birmingham Weather Service #alws' September 1 tweet seemed politically motivated. Moreover, ALWX missed an opportunity to educate the public about over-reliance on the hurricane cone, the uncertainty of the path and the potential for harm outside the "cone". This needs to be publically addressed from the top of your organization, in my opinion. Weather tweets should not be politically motivated and ALWX's tweets seemed to me to be just that.

Sincerely,

--

Kathleen Sweeney Ford

[REDACTED]

[REDACTED]

(b)(6)

[REDACTED]

W-Pqr Webmaster - NOAA Service Account

From: W-Pqr Webmaster - NOAA Service Account
Sent: Saturday, September 7, 2019 10:10 AM
To: Susan Buchanan - NOAA Federal
Subject: Fwd: What is wrong with you?

Hi Susan,

We received this email today on our web-master email, and we thought we would forward it to you for response if needed. Thank you.

NWS Portland Team

----- Forwarded message -----

From: **WILLIAM SMITH** <[REDACTED] (b)(6)>
Date: Fri, Sep 6, 2019 at 8:58 PM
Subject: What is wrong with you?
To: <w-pqr.webmaster@noaa.gov>

I am greatly distressed by NOAA officials allowing the President to get away with tampering with an official NOAA map. I thought that was illegal.

And to make it worse, you retracted your mild rebuke.

You have lost all credibility.

What happened to your professionalism?

I never thought I would say this, but I am truly ashamed of you.

William L. Smith

Portland OR

Maureen O'Leary - NOAA Federal

From: Maureen O'Leary - NOAA Federal
Sent: Saturday, September 7, 2019 2:21 PM
To: Susan Buchanan
Subject: Fwd:

See note below. I think we need to compile all these responses and share with NOAA Comms and NOAA HQ.

I'm sure NWS Comms inbox is loaded with the same type of comments. Are we providing them with direction on what to do - no response, save emails, compile?.

--

Maureen O'Leary

Deputy Director of Public Affairs
NOAA's National Weather Service
301-427-9000
Maureen.Oleary@noaa.gov

----- Forwarded message -----

From: **Patty Rosemann** <[REDACTED] (b)(6)>
Date: Sat, Sep 7, 2019 at 2:05 PM
Subject:
To: <NWS.PA@noaa.gov>

Who is the wimpy coward who won't disclose his name on the Alabama debacle siding with Turmp? I'm assuming we will all find who it is. How pathetic this individual must be. They need to slither back into the swamp. They have Trump stink all over them. If they had any self respect they would resign rather than enable this evil narcissist. SHAME! SHAME! SHAME!!!!!!!

John Murphy - NOAA Federal

From: John Murphy - NOAA Federal
Sent: Saturday, September 7, 2019 8:18 PM
To: Louis Uccellini - NOAA Federal
Cc: George Jungbluth; mary.erickson@noaa.gov; kevin.cooley@noaa.gov; Andrew Stern; Susan Buchanan; Chris Vaccaro
Subject: Re: TIME SENSITIVE inquiry from WaPo

Louis

About to depart for trek to NWA. Have few hours when I get to ANC before red eye. Was on way back from Somoa when all this happened but my understanding was direction was given prior to understanding full sequence of events. Do not think Birmingham violated what NHC said but not 100% sure and hoping Andy knows. Recall Comms had gotten involved and talked directly to FO outside chain. Thanks

John

John

Sent from my iPhone

On Sep 7, 2019, at 4:06 PM, Louis Uccellini - NOAA Federal <louis.uccellini@noaa.gov> wrote:

George et al; Including Andy if John is still in the air: Need to work with Susan and Chris on this one. Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
[1325 East West Highway](#)
[Silver Spring, MD 20910](#)
[301.713.9095](tel:301.713.9095)

Begin forwarded message:

From: "Freedman, Andrew" <Andrew.Freedman@washpost.com>
Date: September 7, 2019 at 7:49:35 PM EDT
To: Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov>, Scott Smullen - NOAA Federal <scott.smullen@noaa.gov>, "louis.uccellini@noaa.gov" <louis.uccellini@noaa.gov>, "Itkowitz, Colby" <Colby.Itkowitz@washpost.com>, "susan.buchanan@noaa.gov" <susan.buchanan@noaa.gov>
Cc: "Samenow, Jason" <Jason.Samenow@washpost.com>
Subject: TIME SENSITIVE inquiry from WaPo

Hi NWS press folks and Director Uccellini,

This is for a Washington Post story **running imminently online and in print on Sunday.**

On Sept. 1 and again on Sept. 4, NWS personnel received a guidance not to provide opinions on national level social media posts in the media and to stick with NHC forecasts if questions arise about the posts.

Staff understood this to be a response to President Trump's Alabama comments and that they were essentially being told not to contradict the president.

Can you respond to this and explain the reason behind sending these dual directives?

Please send any responses to Colby and myself. I'm cc'ing Jason as well who has been working on this story.

Thank you and all the best,
-Andrew

George Jungbluth - NOAA Federal

From: George Jungbluth - NOAA Federal
Sent: Saturday, September 7, 2019 8:22 PM
To: Andrew Stern - NOAA Federal
Cc: Chris Vaccaro; John D. Murphy; Kevin Cooley - NOAA Federal; Louis Uccellini - NOAA Federal; Mary Erickson - NOAA Federal; Susan Buchanan - NOAA Federal
Subject: Re: TIME SENSITIVE inquiry from WaPo

Is this referring to our guidance to send any inquiries on the president's tweets to NOAA coms? This was per direct NOAA Coms guidance.

G

On Sat, Sep 7, 2019 at 8:20 PM Andrew Stern - NOAA Federal <andrew.stern@noaa.gov> wrote:
Susan,

I concur with your assessment. However, it was bigger than just Dorian. We had wildfires ongoing in the west, developing tropical systems in both the Atlantic and Pacific basins and had other areas of thunderstorms to watch. I would modify it slightly. Our mission is supposed to be apolitical.

"NWS leadership sent these directives to field staff so they (and the entire agency) could maintain operational focus on Dorian and other severe weather hazards without distraction."

On Sat, Sep 7, 2019 at 8:12 PM Susan Buchanan - NOAA Federal <susan.buchanan@noaa.gov> wrote:
We may not get clearance to respond, but if Julie approves, I suggest something simple like this:

"NWS leadership sent these directives to field staff so they (and the entire agency) could maintain operational focus on Dorian without distraction."

--

Susan Buchanan
Director of Public Affairs
National Weather Service
301-427-9000

On Sat, Sep 7, 2019 at 8:06 PM Louis Uccellini - NOAA Federal <louis.uccellini@noaa.gov> wrote:
George et al; Including Andy if John is still in the air: Need to work with Susan and Chris on this one.
Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
1325 East West Highway
Silver Spring, MD 20910
[301.713.9095](tel:301.713.9095)

Begin forwarded message:

From: "Freedman, Andrew" <Andrew.Freedman@washpost.com>

Date: September 7, 2019 at 7:49:35 PM EDT

To: Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov>, Scott Smullen - NOAA Federal <scott.smullen@noaa.gov>, "louis.uccellini@noaa.gov" <louis.uccellini@noaa.gov>, "Itkowitz, Colby" <Colby.Itkowitz@washpost.com>, "susan.buchanan@noaa.gov" <susan.buchanan@noaa.gov>

Cc: "Samenow, Jason" <Jason.Samenow@washpost.com>

Subject: TIME SENSITIVE inquiry from WaPo

Hi NWS press folks and Director Uccellini,

This is for a Washington Post story **running imminently online and in print on Sunday.**

On Sept. 1 and again on Sept. 4, NWS personnel received a guidance not to provide opinions on national level social media posts in the media and to stick with NHC forecasts if questions arise about the posts.

Staff understood this to be a response to President Trump's Alabama comments and that they were essentially being told not to contradict the president.

Can you respond to this and explain the reason behind sending these dual directives?

Please send any responses to Colby and myself. I'm cc'ing Jason as well who has been working on this story.

Thank you and all the best,
-Andrew

--

Andrew Stern
Director, Analyze, Forecast and Support Office
NOAA/National Weather Service
Office: 301-427-9120
Cell: (b)(6)

--

Sent from Gmail Mobile

Kevin Cooley - NOAA Federal

From: Kevin Cooley - NOAA Federal
Sent: Saturday, September 7, 2019 8:46 PM
To: Louis Uccellini - NOAA Federal
Cc: Andrew Stern - NOAA Federal; Susan Buchanan - NOAA Federal; George Jungbluth; Mary Erickson - NOAA Federal; John D. Murphy; Chris Vaccaro
Subject: Re: TIME SENSITIVE inquiry from WaPo

I have two thoughts.

First, as an add to the idea of maintaining focus, there is avoid mixed messaging that could be confusing to emergency managers faced with critical decision making. Second, given that the origin point for the message was a NOAA Communications Office directive, perhaps we should direct the Post to the NOAA Communications Office to answer...

Kevin

On Sat, Sep 7, 2019 at 8:43 PM Louis Uccellini - NOAA Federal <louis.uccellini@noaa.gov> wrote:

Andy: I was going to offer a modification to your suggested reply below but paused when I read in a later email that these were your exact words. What was going to insert was the word "ongoing" or "developing" between "other" and "severe". To read "...other ongoing severe ..." or "...other developing severe....".

If you want to stick with original, I understand but I thought your point about the other events was important and I was trying to insert a bit more urgency

Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
1325 East West Highway
Silver Spring, MD 20910
[301.713.9095](tel:301.713.9095)

On Sep 7, 2019, at 8:20 PM, Andrew Stern - NOAA Federal <andrew.stern@noaa.gov> wrote:

Susan,

I concur with your assessment. However, it was bigger than just Dorian. We had wildfires ongoing in the west, developing tropical systems in both the Atlantic and Pacific basins and had other areas of thunderstorms to watch. I would modify it slightly. Our mission is supposed to be apolitical.

"NWS leadership sent these directives to field staff so they (and the entire agency)

could maintain operational focus on Dorian and other severe weather hazards without distraction."

On Sat, Sep 7, 2019 at 8:12 PM Susan Buchanan - NOAA Federal <susan.buchanan@noaa.gov> wrote:

We may not get clearance to respond, but if Julie approves, I suggest something simple like this:

"NWS leadership sent these directives to field staff so they (and the entire agency) could maintain operational focus on Dorian without distraction."

--

Susan Buchanan
Director of Public Affairs
National Weather Service
301-427-9000

On Sat, Sep 7, 2019 at 8:06 PM Louis Uccellini - NOAA Federal <louis.uccellini@noaa.gov> wrote:

George et al; Including Andy if John is still in the air: Need to work with Susan and Chris on this one. Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
1325 East West Highway
Silver Spring, MD 20910
[301.713.9095](tel:301.713.9095)

Begin forwarded message:

From: "Freedman, Andrew" <Andrew.Freedman@washpost.com>
Date: September 7, 2019 at 7:49:35 PM EDT
To: Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov>, Scott Smullen - NOAA Federal <scott.smullen@noaa.gov>, "louis.uccellini@noaa.gov" <louis.uccellini@noaa.gov>, "Itkowitz, Colby" <Colby.Itkowitz@washpost.com>, "susan.buchanan@noaa.gov" <susan.buchanan@noaa.gov>
Cc: "Samenow, Jason" <Jason.Samenow@washpost.com>
Subject: TIME SENSITIVE inquiry from WaPo

Hi NWS press folks and Director Uccellini,

This is for a Washington Post story **running imminently online and in print on Sunday.**

On Sept. 1 and again on Sept. 4, NWS personnel received a guidance not to provide opinions on national level social media posts in the media and to stick with NHC forecasts if questions arise about the posts.

Staff understood this to be a response to President Trump's Alabama comments

and that they were essentially being told not to contradict the president.

Can you respond to this and explain the reason behind sending these dual directives?

Please send any responses to Colby and myself. I'm cc'ing Jason as well who has been working on this story.

Thank you and all the best,
-Andrew

--

Andrew Stern
Director, Analyze, Forecast and Support Office
NOAA/National Weather Service
Office: 301-427-9120
Cell: (b)(6)

--

Kevin Cooley
Director, NWS OPPSD
SSMC2, Room 16212
301-427-9810 (office)

Louis Uccellini - NOAA Federal

From: Louis Uccellini - NOAA Federal
Sent: Monday, September 9, 2019 12:26 PM
To: Susan Buchanan; Greg Romano
Subject: Fwd: NPR Media Inquiry

Susan: FYI. I prefer not doing this until Neil gives his talk, definitely not tomorrow morning. Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
[1325 East West Highway](#)
[Silver Spring, MD 20910](#)
[301.713.9095](#)

Begin forwarded message:

From: Kelli Wessinger <KWessinger@npr.org>
Date: September 9, 2019 at 10:40:00 AM CDT
To: "louis.uccellini@noaa.gov" <louis.uccellini@noaa.gov>
Subject: NPR Media Inquiry

Hi Dr. Uccellini,

I am reaching out from NPR's Morning Edition. We are a daily news program with over 15 million listeners.

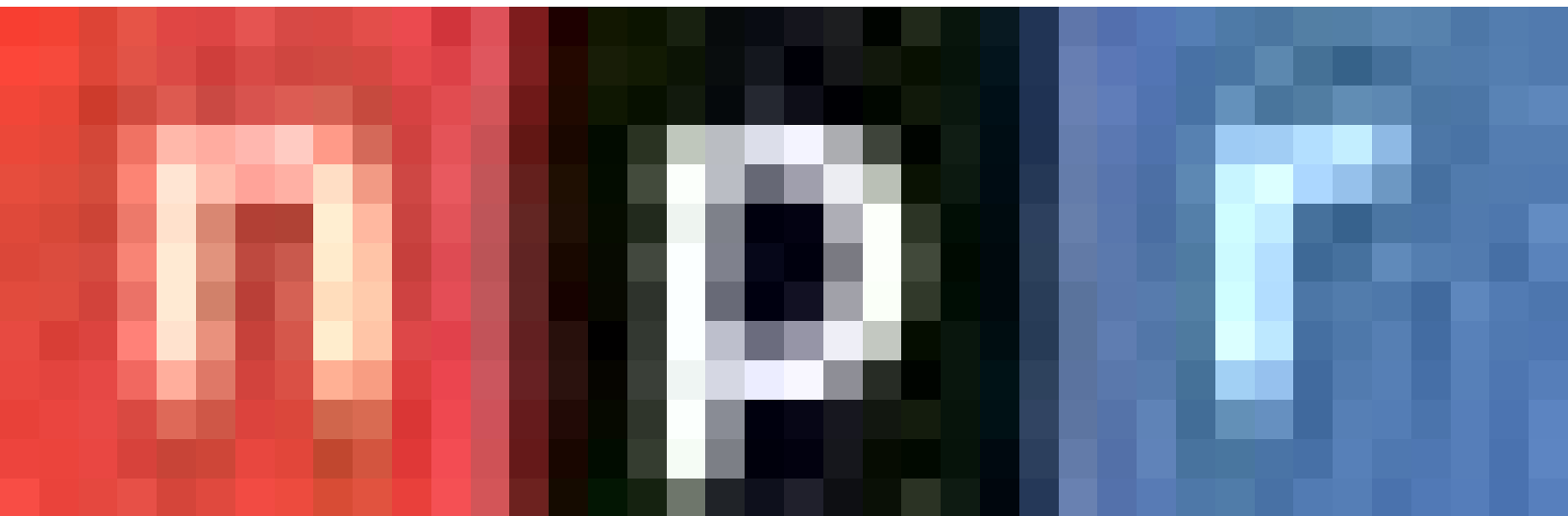
We would absolutely love to have you on our air tomorrow morning to talk about the National Weather Association meeting and the public prominence of weather data during Hurricane Dorian.

This would be a ***live*** interview lasting around five minutes at 5:34am central time (6:34am EST).

Please let me know if we can make this work.

Kelli Wessinger

 Kelli Wessinger | Production Assistant | desk: 202.513.4424 kwessinger@npr.org



Chris Darden - NOAA Federal

From: Chris Darden - NOAA Federal
Sent: Saturday, September 7, 2019 9:06 AM
To: sr-bmx.all@noaa.gov
Subject: Fwd: NOAA's statement on Dorian

I'll share these as I get them. These unsolicited notes of support are a reflection of your work and efforts.

Chris

Sent from my iPhone

Begin forwarded message:

From: Eric Mandel <[REDACTED] (b)(6)>
Date: September 7, 2019 at 8:37:19 AM EDT
To: chris.darden@noaa.gov
Subject: NOAA's statement on Dorian

Chris,

As a former NWS employee and a meteorologist, I'm appalled at the statement released by NOAA criticizing your office for DOING YOUR JOB of providing the best possible information to the public. In my opinion you and your folks should be getting an award, not a rebuke. I'm sure there are many folks who agree with me.

Thanks to you and your staff for all that you do.

Eric Mandel

SR-BMX Webmaster - NOAA Service Account

From: SR-BMX Webmaster - NOAA Service Account
Sent: Saturday, September 7, 2019 6:04 PM
To: John DeBlock; Gerald Satterwhite - NOAA Federal
Subject: Fwd: YOUR SUPPORTERS sent you a Pizza Hut eGift Card!!!

...this is from the Bexar County Severe Weather Team (Texas). I've thanked them via the direct message they sent to us, and I'll save the gift card information. We're thinking we'll redeem it at the next forecaster meeting.

----- Forwarded message -----

From: **Pizza Hut** <do-not-reply@wgiftcard.com>
Date: Fri, Sep 6, 2019 at 5:51 PM
Subject: YOUR SUPPORTERS sent you a Pizza Hut eGift Card!!!
To: <sr-bmx.webmaster@noaa.gov>

If you are having trouble viewing this email, printing your eGift Card, or are an AOL user, please copy this link <https://merchant.wgiftcard.com/v/99557880/124/ZDpnZ> into your internet web browser. To ensure delivery to your inbox, please add pizzahut@wgiftcard.com to your address book.

<p>TO: NWS BIRMINGHAM (BMX)</p> <p>FROM: YOUR SUPPORTERS</p> <p>VALUE: \$50.00</p> <p>INSTRUCTIONS: To access your Pizza Hut eGift Card, please click on the GET YOUR EAT ON! button below and follow instructions to print and redeem. If your email service provider does not support images then click here to Get Your Card.</p> 	<p>PERSONAL MESSAGE:</p> <p>You're probably having a rough day. Just a little something to show we support & appreciate you. Please enjoy! - Your Supporters</p>
--	---

Have questions? Track your order? Need to resend your eGift Card?
[Click here to access the eGift Card Tracking & Support Center](#)



Benjamin Friedman - NOAA Federal

From: Benjamin Friedman - NOAA Federal
Sent: Saturday, September 7, 2019 9:43 PM
To: stuart.levenbach@noaa.gov; timothy.gallaudet@noaa.gov
Subject: Fwd: Vanderbilt wants your B.S. back

These are getting very personal.

Sent from my iPhone

Begin forwarded message:

> I was in grad school at Dalhousie University, studying Oceanography with
> former NOAA administrator Kathryn Sullivan when she was among the first
> six women astronauts our country has ever had, selected for NASA's
> shuttle program. Like me, Kathy is a scientist. You may have a
> undergraduate degree in science but apparently you think the scientific
> method includes doing whatever carrot top tells you to do. Pathetic.
>
> I rely on NOAA-NWS to provide me with the best, science-based
> information. That didn't happen when you instructed your public affairs
> staff to undermine a scientifically accurate statement by your
> Birmingham, AL office concerning Hurricane Dorian.
>
> Why don't you take your theology degree to a pulpit where you can hold
> forth on the scientifically unverifiable existence of a deity, instead
> of inflicting your boot-licking, pandering attitudes on the people who
> pay your salary? All scientists in this country see right through you.
> Grow a pair or get out. Stop taking tax money if you can't do your job.
>
> Kathryn Thomas
>
> B.S., M. Sc., M.S.L.
>
> retired from the National Park Service after 30 years -- I know what
> responsible public service is all about
>

Greg Windstream

From: Greg Windstream
Sent: Saturday, September 7, 2019 8:19 AM
To: neil.jacobs@noaa.gov
Subject: Alabama

Sir,

President Trump is using a recent unsigned NOAA statement to justify his claims that Alabama was at serious risk from Hurricane Dorian. The unsigned statement leads many to believe that this is simply President Trump manipulating another of the agencies under his command. If NOAA is to maintain its integrity they must put a face to this and have someone in a high leadership position come out and either defend the unsigned statement or denounce it. The citizens of the United States deserve this at the very least.

Greg Schorr

Beth Dumesco

From: Beth Dumesco
Sent: Saturday, September 7, 2019 11:15 AM
To: neil.jacobs@noaa.gov
Subject: Statement on Dorian and Alabama

I read this statement on the homepage of your website:

From Wednesday, August 28, through Monday, September 2, the information provided by NOAA and the National Hurricane Center to President Trump and the wider public demonstrated that tropical-storm-force winds from Hurricane Dorian could impact Alabama. This is clearly demonstrated in Hurricane Advisories #15 through #41, which can be viewed at the [following link](#).

The Birmingham National Weather Service's Sunday morning tweet spoke in absolute terms that were inconsistent with probabilities from the best forecast products available at the time.

I am in shock, but I'm not disbelieving what I see. It appears that NOAA has come under political influence, specifically under the influence of Mr. Trump. It appears that someone outside of NOAA wrote this statement, **but there it is**, front and center, in **large font** on your homepage. I can't believe a professional meteorologist wrote this statement. It reads like a lawyer wrote it.

This is so wrong on so many levels!

1. The Montgomery Alabama office was correct to issue a short tweet correcting the misinformation. They didn't mention Trump's name. It was Trump who politicized the tweet.
2. Politicizing NOAA makes it harder to trust you. Your ability to meet your mission is being sullied for the sake of Trump's ego and inability to admit to any mistake, no matter how trivial.
3. Yet another institution of government is caving to the childish demands of a man who was accidentally elected and proves himself to be irrational every day. I don't expect or want NOAA to weigh in on what Trump says about the weather. Just say what you think to be true, like that man in Alabama.

I can believe that Trump threatened NOAA with reduced funding. This at a time when you are working hard to improve services, accuracy, the website, statements... But, if you let Trump get away with this, your credibility is decreased. Without credibility, what have you got? **Either put a name or names on this statement and back it up or disavow the statement as political, not coming from NOAA, and take it down.**

I want to add how I feel about it and how this affects me personally. I live on my boat in the Chesapeake Bay. I need to have the best, most accurate information on major storms. If a hurricane is coming close, as Isabelle did, I need to take evasive action. Depending on the storm's track, I will decide to get hauled out, (which is an expense, and I can't live on the boat while its on shore), move to a more sheltered marina slip, or head to a "hurricane hole" and anchor out, running lines to nearby trees. All involve a lot of work, stripping everything that creates windage off the decks, protecting electronics, and taking the mast down. Now, I wonder if I can trust NOAA and NHC. If you alter past forecasts to suit Trump, what's to stop you from altering forecasts that Trump doesn't like? What if Trump plans a rally in North Carolina and the forecast is heavy rain and flooding, but Trump wants his "huge audience with thousands of people outside?" What if Trump has a meeting scheduled at one of his resorts, and he doesn't want to reschedule it? Should I check with independent meteorologists to get their predictions? But aren't those meteorologist dependent on NOAA observations and data? Who else has the capability to do that level of data gathering and analysis? Maybe I should look to Canada, Germany or the UK for their weather services' predictions?

Sincerely yours,
Beth Dumesco

--

E. BETH DUMESCO

Aboard M.Y. *Compass Rose*

Mobile: (b)(6)

(b)(6)

Beth Dumesco

From: Beth Dumesco
Sent: Saturday, September 7, 2019 2:02 PM
To: julie.roberts@noaa.gov
Cc: neil.jacobs@noaa.gov
Subject: Re: Statement on Dorian and Alabama

Dear Ms. Roberts,

I understand that it is you that issued the statement, by tweet and webpost. Do you have any idea the damage you have done to NOAA's reputation and credibility? Do you care?

NOAA is no place for a political hack. We taxpaying citizens need to know that our weather data and forecasts are accurate and honest. To help you understand, ask yourself what you would think if the NWS put out an inaccurate forecast for heavy snow during a Trump rally in New Hampshire. That you used official channels of communication to support Trump in his self-created problem is itself unethical, and maybe illegal. Aren't you covered by the Hatch Act?

You should resign immediately. You should make yourself legit by getting a job in Trump's reelection campaign.

Sincerely,
Beth Dumesco

On Sat, Sep 7, 2019 at 1:24 PM Beth Dumesco <(b)(6)> wrote:

----- Forwarded message -----

From: Beth Dumesco <(b)(6)>
Date: Sat, Sep 7, 2019 at 12:05 PM
Subject: Re: Statement on Dorian and Alabama
To: <neil.jacobs@noaa.gov>

I would like to add that you need to read your own agency's policy on public information dissemination.

Here's the link: https://www.cio.noaa.gov/services_programs/IQ_Guidelines_103014.html

Mr. Jacobs, if you okayed the posting of the statement, you need to resign.

On Sat, Sep 7, 2019 at 11:15 AM Beth Dumesco <(b)(6)> wrote:

I read this statement on the homepage of your website:

From Wednesday, August 28, through Monday, September 2, the information provided by NOAA and the National Hurricane Center to President Trump and the wider public demonstrated that tropical-storm-force winds from Hurricane Dorian could impact Alabama. This is clearly demonstrated in Hurricane Advisories #15 through #41, which can be viewed at the [following link](#).

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I can believe that Trump threatened NOAA with reduced funding. This at a time when you are working hard to improve services, accuracy, the website, statements... But, if you let Trump get away with this, your credibility is decreased. Without credibility, what have you got? **Either put a name or names on this statement and back it up or disavow the statement as political, not coming from NOAA, and take it down.**

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Sincerely yours,
Beth Dumescio

--

E. BETH DUMESCO
Aboard M.Y. *Compass Rose*

Mobile: (b)(6)
(b)(6)

--

E. BETH DUMESCO
Aboard M.Y. *Compass Rose*

Mobile: (b)(6)
(b)(6)

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E. BETH DUMESCO
Aboard M.Y. *Compass Rose*

Mobile: (b)(6)
(b)(6)

--

E. BETH DUMESCO
Aboard M.Y. *Compass Rose*

Mobile: (b)(6)
(b)(6)

Satya Kalluri - NOAA Federal

From: Satya Kalluri - NOAA Federal
Sent: Wednesday, September 4, 2019 4:58 PM
To: John Leslie - NOAA Federal
Subject: Re: DORIAN Imagery from STAR - Invitation to collaborate

GLM provides information related to hurricane intensification. Increased lightning near the storm center and rain bands are indicators of a strengthening storm and increased rainfall.

Satellite derived wind speeds improve forecasts models since they provide information on direction of wind flow (vector) and shear. The ability to characterize the wind fields in and around a hurricane is critical to predicting future storm motion and intensity.

Thanks!

On Wed, Sep 4, 2019 at 4:07 PM John Leslie - NOAA Federal <john.leslie@noaa.gov> wrote:
With the wind and GLM product, how will that benefit the forecasts? (Just need a good nugget.)

On Wed, Sep 4, 2019 at 2:54 PM Satya Kalluri <satya.kalluri@noaa.gov> wrote:
Sure

Sent from my iPhone

On Sep 4, 2019, at 2:47 PM, John Leslie - NOAA Federal <john.leslie@noaa.gov> wrote:

That's very helpful to know. We may send out a tweet as early as tomorrow morning. Can you be available to review the text before we send it out?

On Wed, Sep 4, 2019 at 2:39 PM Satya Kalluri - NOAA Federal <satya.kalluri@noaa.gov> wrote:

Hi John,

Correction: The GOES GLM lightning and ABI Winds are Operationally produced and distributed. Same with ATMS radiances as well (they are key to NWP).

We at STAR have been experimenting on visualization of these products so that the general public can see them as well.

We plan to deploy the lightning products soon on our GOES ABI web page once the software is fully tested and integrated:

<https://www.star.nesdis.noaa.gov/GOES/index.php>

Thanks!

On Wed, Sep 4, 2019 at 2:18 PM John Leslie - NOAA Federal <john.leslie@noaa.gov> wrote:
Satya -- Thank you very much for sharing these! So these are experimental products? At what point might they be turned into operational products?

On Wed, Sep 4, 2019 at 2:15 PM Satya Kalluri - NOAA F... (via Google Drive) <[drive-shares-](#)

noreply@google.com> wrote:

satya.kalluri@noaa.gov has invited you to **contribute to** the following shared folder:



(b)(6)



Hi John

STAR scientists have been experimenting with animation of GOES-R and JPSS products to track and monitor hurricane Dorian. I am sharing some images and brief description of what they show. Please feel free to share through social media, web pages etc.

Thanks!

Satya Kalluri, Ph.D.
Chief, Satellite Meteorology and Climatology Division
NOAA Center for Satellite Applications and Research (STAR)
satya.kalluri@noaa.gov
Phone: (301) 683-3510

Open

Google Drive: Have all your files within reach from any device.
Google LLC, 1600 Amphitheatre Parkway, Mountain View, CA 94043, USA



--

John Leslie
NOAA's Office of Communications for Satellites
Follow us on Twitter: @NOAASatellitePA
Cell: (b)(6)
Desk: 301-713-0214

--

Satya Kalluri, Ph.D.
Chief, Satellite Meteorology and Climatology Division
NOAA Center for Satellite Applications and Research (STAR)

satya.kalluri@noaa.gov

Phone: (301) 683-3510

--

John Leslie

NOAA's Office of Communications for Satellites

Follow us on Twitter: @NOAASatellitePA

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Desk: 301-713-0214

--

John Leslie

NOAA's Office of Communications for Satellites

Follow us on Twitter: @NOAASatellitePA

Cell: (b)(6)

Desk: 301-713-0214

--

Satya Kalluri, Ph.D.

Chief, Satellite Meteorology and Climatology Division

NOAA Center for Satellite Applications and Research (STAR)

satya.kalluri@noaa.gov

Phone: (301) 683-3510

Dan Lindsey - NOAA Federal

From: Dan Lindsey - NOAA Federal
Sent: Sunday, September 1, 2019 2:34 PM
To: Louis Uccellini - NOAA Federal
Subject: Re: Forecast uncertainty in TC Dorian's turn to the north

Louis,

I will add frames to it in a little bit, but the link will remain the same.

Dan

On Sun, Sep 1, 2019 at 12:28 PM Louis Uccellini - NOAA Federal <louis.uccellini@noaa.gov> wrote:
Dan I: Hopefully you are continuing to loop. Would like to see loop as it passes over the entire Island.
Thanks. Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
1325 East West Highway
Silver Spring, MD 20910
[301.713.9095](tel:301.713.9095)

On Sep 1, 2019, at 1:45 PM, Dan Lindsey - NOAA Federal <0000006a2d176238-dmarc-request@listserv.albany.edu> wrote:

MAP,

Here's GOES-16's latest closeup - this starts with 30-sec imagery then switches to 1-min imagery. It's a VIS/IR "sandwich".

http://rammb.cira.colostate.edu/templates/loop_directory.asp?data_folder=dev/lindsey/loops/1sep19_sandwich&loop_speed_ms=40

Unfortunately I fear this is going to be devastating for the Bahamas, particularly the town of Marsh Harbour, population over 6000.

Dan

On Sun, Sep 1, 2019 at 11:30 AM Neil Stuart - NOAA Federal <00000087a1803eea-dmarc-request@listserv.albany.edu> wrote:

Lance and everyone,

The storm is making landfall on Great Abaco now (around 1 PM EDT) and attached is a small GOES-16 Mesoscale Sector Visible Satellite Loop with Earth Networks lightning data overlayed. It is 5 minute lightning data with 1 minute update. I don't even want to imagine the destruction going on there right now. The in-cloud and cloud-to-ground lightning has

been around the eyewall for many hours.

Neil

On Sun, Sep 1, 2019 at 10:17 AM Bosart, Lance F <lbosart@albany.edu> wrote:

Hi all,

A speculative post.....

A simple subjective $d(\text{prog})/dt$ analysis of the 500-hPa geopotential heights, vorticity, and vertical motion from Alicia Bentley's website of the deterministic GFS forecasts verifying 0600 and 1200 UTC 2 Sep 2019 suggests that uncertainty on the forecast northward turn of TC Dorian *may* be related to uncertainty of the forecast southern extension of a trough across the MidAtlantic region (see the below links).

A few takeaways....

1. The GFS didn't really "see" Dorian until the 6–7 day forecasts when the storm developed in the extreme northeastern Gulf of Mexico.
2. The GFS correctly shifted Dorian to east of Florida in the 5–6 day forecasts.
3. The GFS forecast Dorian to turn to the north farther east of Florida in the 3–4 day forecasts in conjunction with a SSW extension of the southern portion of a MidAtlantic trough.
4. Need to understand to what extent forecast uncertainty in the southern extension of the aforementioned MidAtlantic trough is related to forecast uncertainty with the western CONUS ridge and weak disturbances moving around the northern periphery of this ridge across Canada.

Forecasts verifying 0600 UTC 2 Sep 2019:

http://www.atmos.albany.edu/student/abentley/realtime/dprogdt.php?domain=northamer&variable=rel_vort

Forecasts verifying 1200 UTC 2 Sep 2019:

http://www.atmos.albany.edu/student/abentley/realtime/dprogdt.php?domain=northamer&variable=rel_vort

Thoughts?

Lance

To unsubscribe from the MAP list, click the following link and send the email generated:

MAP-SIGNOFF-REQUEST@LISTSERV.ALBANY.EDU

--

Neil A. Stuart, Meteorologist

National Weather Service

Albany, NY (weather.gov/aly)

<https://www.facebook.com/NWSAlbany>

<https://twitter.com/NWSAlbany>

Ask me how to be a Weather Ready Nation Ambassador



To unsubscribe from the MAP list, click the following link and send the email generated:

MAP-SIGNOFF-REQUEST@LISTSERV.ALBANY.EDU

--

Daniel T. Lindsey, Ph.D.

Research Meteorologist

NOAA/NESDIS Senior Scientific Adviser for GOES-R

Fort Collins, CO 80523

970-491-8773

http://rammb.cira.colostate.edu/resources/personnel/lindsey_dan.asp

To unsubscribe from the MAP list, click the following link and send the email generated:

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--

Daniel T. Lindsey, Ph.D.

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http://rammb.cira.colostate.edu/resources/personnel/lindsey_dan.asp

Weather discussion email list

From: Weather discussion email list
Sent: Monday, September 2, 2019 9:57 AM
To: MAP@LISTSERV.ALBANY.EDU
Subject: Re: Forecast uncertainty in TC Dorian's turn to the north

Lance,

The southern extent of the eastern Great Lake to West Virginia trough has shown a very weak shear-like axis press very slowly south and SE from Central NC to northern Louisiana as per <https://weather.cod.edu/satrad/?parms=continental-conus-08-24-1-100-1&checked=map&colorbar=undefined> . Until this southern extent gets closer and it does not look like it will till tonight or Tuesday morning, a very slow drift (west) is likely with Dorian. Only saving grace for the FL East Coast compared to what has been going on in the northern Bahamas is its slow movement, slow enough to wait for the effects of the southern extent of the upper trough. Others may have a different take on this and I suggest looking at CIRA's Advected Layered PW loop at: http://cat.cira.colostate.edu/sport/layered/advected/LPW_alt.htm for any more ideas.
Just my take,

Sheldon Kusselson
Retired NOAA/NESDIS

On Sun, Sep 1, 2019 at 1:49 PM Dan Lindsey - NOAA Federal <0000006a2d176238-dmarc-request@listserv.albany.edu> wrote:

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Dan

On Sun, Sep 1, 2019 at 11:30 AM Neil Stuart - NOAA Federal <00000087a1803eea-dmarc-request@listserv.albany.edu> wrote:

Lance and everyone,

The storm is making landfall on Great Abaco now (around 1 PM EDT) and attached is a small GOES-16 Mesoscale Sector Visible Satellite Loop with Earth Networks lightning data overlayed. It is 5 minute lightning data with 1 minute update. I don't even want to imagine the destruction going on there right now. The in-cloud and cloud-to-ground lightning has been around the eyewall for many hours.

Neil

On Sun, Sep 1, 2019 at 10:17 AM Bosart, Lance F <lbosart@albany.edu> wrote:

Hi all,

A speculative post.....

A simple subjective $d(\text{prog})/dt$ analysis of the 500-hPa geopotential heights, vorticity, and vertical motion from Alicia Bentley's website of the deterministic GFS forecasts verifying 0600 and 1200 UTC 2 Sep 2019 suggests that uncertainty on the forecast northward turn of TC Dorian *may* be related to uncertainty of the forecast southern extension of a trough across the MidAtlantic region (see the below links).

A few takeaways....

1. The GFS didn't really "see" Dorian until the 6–7 day forecasts when the storm developed in the extreme northeastern Gulf of Mexico.
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Forecasts verifying 0600 UTC 2 Sep 2019:

http://www.atmos.albany.edu/student/abentley/realtime/dprogdtdt.php?domain=northamer&variable=rel_vort

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Thoughts?

Lance

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--

Neil A. Stuart, Meteorologist
National Weather Service

Albany, NY (weather.gov/aly)

<https://www.facebook.com/NWSAlbany>

<https://twitter.com/NWSAlbany>

Ask me how to be a Weather Ready Nation Ambassador



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--

Daniel T. Lindsey, Ph.D.

Research Meteorologist

NOAA/NESDIS Senior Scientific Adviser for GOES-R

Fort Collins, CO 80523

970-491-8773

http://rammb.cira.colostate.edu/resources/personnel/lindsey_dan.asp

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Weather discussion email list

From: Weather discussion email list
Sent: Monday, September 2, 2019 1:41 PM
To: MAP@LISTSERV.ALBANY.EDU
Subject: Re: Dorian differences between FV-3 and EC

David,

Of course this is but one of many aspects of a model, and there are many error sources. But early on, when it appeared that Dorian may meet its maker on the mountainous terrain of Hispaniola, there was a sudden northward jump and redevelopment in the center location, and the storm even passed east of Puerto Rico. This was a surprise to many, and the observed track fell outside of at least some ensemble envelopes. I wondered at the time, and I've heard others mention since, that St. Lucia (with peak elevation > 3000 feet) could have played a role in this northward jump, and subsequent more easterly track. My guess is that St. Lucia is barely represented, if at all, in the GFS.

This would be possible to test: Compare the output of high-resolution WRF runs with and without St. Lucia to see if there are differences. Perhaps a mini-ensemble with each would be needed to ensure robust results.

But my main point in asking was related to the degree of weakening when a storm is very near the coast in a model simulation. Having an accurate representation of the coastline location then becomes critical to the intensity forecast. I'm fairly sure that this was an issue during forecasts of Irma when it brushed the northern coast of Cuba, but I've not done any model experiments to confirm.

Best wishes,
Gary

On Mon, Sep 2, 2019 at 1:28 PM Knight, David <dknight@albany.edu> wrote:

Honestly, do you think changing topography, and coast lines, would have made this forecast better?

> On Sep 2, 2019, at 12:33 PM, Gary Lackmann <gary@ncsu.edu> wrote:

>
> Hi Vijay, Arun and all,
>
> Thanks for sharing this news - it is great to hear that HWRF has this upgrade ready to go, and I hope that it can be implemented soon.
>
> Can you confirm that the HMON does have higher-resolution land-sea mask and terrain relative to HWRF? It would help in interpreting model output.
> Thanks and best wishes,
> Gary
>

> On Sun, Sep 1, 2019 at 10:22 PM Vijay Tallapragada <000000fd2b3126e5-dmarc-request@listserv.albany.edu> wrote:

> In the current operational HWRF land-sea mask for the inner-most (1.5km) domain is using land-sea mask defined at parent domain's resolution (4.5km), however, the terrain that is linked to dynamics (mass adjustments) is done at the highest resolution. With the revised land-sea mask, high resolution terrain is used to define coast lines (without additional step of interpolation), which has significantly improved the representation of land interactions. We will be implementing these changes into operations at the next available opportunity.

>
> <ejiclihhkobfpijo.png>

>
> Thanks,
> Vijay
>
> On 9/1/2019 6:21 PM, Arun Chawla - NOAA Federal wrote:
>> The land sea mask for HWRF has been corrected almost a year ago and is being used in development work. However, we were in a moratorium and could not have any implementations this year. The upgrade along with other features should be scheduled for the next upgrade. For any questions feel free to contact Vijay Tallapragada or Avichal Mehra
>> -----
>> Arun Chawla
>> Chief
>> Engineering & Implementation Branch
>> Room 2083
>> National Center for Weather & Climate Prediction
>> 5830 University Research Court
>> College Park, MD 20740
>> Ph: 301-683-3740
>> Fx: 301-683-3703
>> -----
>>
>>
>>
>> On Sat, Aug 31, 2019 at 12:52 PM Mike Fiorino <000000b0483059db-dmarc-request@listserv.albany.edu> wrote:
>> hi Gary,
>>
>> there was a thread on the tropical storms <tropical-storms@tstorms.org> list regarding the HWRF land mask back in October of 2016 (you made a similar comment to the list at that time)... apparently, three years later, it has not been corrected? wow...to this modeler it's simply a bug.
>>
>> HMON, on the other hand seems to have a correct land-sea mask, but putting on my JTWC TDO (Typhoon Duty Officer) hat, the model has to get the track right before I look at the structure forecast...especially at the longer lead times (126 h in your plot is a very long way out)...
>>
>> the first plot below gives the position error stats for 05L as of 2019083100...it's hard to take HMON seriously with position errors 30-50 % greater than ECMWF/GFS; particularly in the early stages (2019082612-2019082712) when the model failed to take the storm out of the Caribbean (see subsequent plots). Also, the 2019082912 HMON forecast of a 148 kt storm 70 mi east of Miami is impressive...but at least the track was consistent with the other models...
>>
>> an animated gif of the tracks is at:
>> <https://www.dropbox.com/s/i7i54hgligm6brf/hmon-hwrf-ecmwf-gfs-2019082400-2019083100.gif?dl=0>
>>
>> Finally, I agree that the main point of downscaling a high-resolution global model with an even higher-resolution limited-area model is to add value by including the effects of detailed land-sea contrasts, topography and maybe even better high-wind physics... I'm not seeing evidence of value addition...
>>
>> Best /R Mike
>>

>> <mjbehjlbphiloila.png>
>> 2018082712 forecasts -- HMON only makes it out to 48 h...the other models put it off the coast of S FL in 120 h
>> <ohbhnlebgadajccp.png>
>>
>> 2019082912 forecasts -- HMON has an impressive 148 kt Vmax...notice how ecmwf stall the storm off the coast...first indication of possible northward turn...
>>
>> <dlbmhlofkbbknjfk.png>
>>
>> 2019083100 forecasts (last night) stronger poleward drift because of beta?
>>
>> <kjhpihgcpmmlocml.png>
>> On 2019-08-31 07:18, Gary Lackmann wrote:
>>> All,
>>>
>>> With hats off to the HWRF team for improvements in recent years, a remaining technical challenge with this model is the low-resolution coastline and terrain used in the moving nest (which presumably matches that used in the parent domain). Does the coast/terrain in the HMON model have higher resolution than HWRF? It seems that way from the graphics.
>>>
>>> A key advantage of higher resolution could be to better handle interactions with small-scale terrain features (e.g., small but tall volcanic islands in the Caribbean) and complex coastlines. This limitation was likely evident in HWRF forecasts when Irma brushed the northern coast of Cuba. As we know, small track deviations can lead to large intensity errors in those situations. I see evidence of this issue with the latest HWRF runs for Dorian (see below). But HMON looks as if perhaps it has higher coastal and terrain resolution?
>>>
>>> This is a complex issue, and I understand the technical difficulties in addressing it, but until it is dealt with the full benefit of a high-resolution hurricane model will not be realized, especially when it counts most, when the storms are near populated coastlines. Perhaps someone from the HWRF team or EMC could comment on whether this issue is on the to-do list for HWRF, and whether this been addressed in HMON, meaning that it would be a better choice to examine in these situations?
>>>
>>> Thanks and best wishes,
>>> Gary
>>>
>>>
>>> <image.png>
>>> <image.png>
>>>
>>> On Fri, Aug 30, 2019 at 4:19 PM Mike Fiorino <000000b0483059db-dmarc-request@listserv.albany.edu> wrote:
>>> hi Cliff,
>>>
>>> here is the latest forecast for Dorian - the big N turn for the two ECMWF tracks is interesting and a bit surprising given that HWRF should handle the land-sea contrasts over FL a least differently... also, last nights forecast had the storm making landfall and then dissipating... the points colorized with red are the 72 and 120 h positions. TECM4 uses 0.25 deg fields whereas EMDT comes from the ECMWF tracker (taken from public bufr files)... note the intensity offset of about 7 kts -- the effect of the tracking scheme

and using native (higher) resolution fields in EMDT (~0.10 deg)

>>>

>>> /R Mike

>>>

>>> a loop of the forecasts is at:

>>>

>>> <https://www.dropbox.com/s/6ih7k9zcnniie02/dorian-05l-hwrf-ecmwf-avno-2019082400-083012.gif?dl=0>

>>>

>>> 2019083112:

>>>

>>>

>>> 2019083100:

>>>

>>>

>>>

>>> On 2019-08-29 08:48, Clifford Mass wrote:

>>>> Shades of Sandy. Major difference between the 120 h deterministic forecast of the European Model and FV-3. Euro takes the storm into southern Florida, FV-3 way to the north. Big difference in strength as well. Interestingly, the FV-3 deterministic is a northern outlier in the GFS ensemble, while the EC run is more in the pack--but in the southern portion (as shown by Professor Brian Tang's graphics). Thus, the EC and GFS ensembles are more alike than the deterministic runs....cliff

>>>>

>>>>

>>>> #####

>>>>

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>>> --

>>> Gary M. Lackmann

>>> Professor

>>> Department of Marine, Earth, and Atmospheric Sciences

>>> North Carolina State University

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> --
> Vijay Tallapragada, Ph.D.
> Chief, Modeling and Data Assimilation Branch
> Environmental Modeling Center, NOAA/NWS/NCEP
> +1-301-683-3672;
> Vijay.Tallapragada@noaa.gov
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David Knight
11 Mercer St.
Albany, NY 12203
(518)-438-9269 (leave message)
dknight@albany.edu

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Gary M. Lackmann
Professor
Department of Marine, Earth, and Atmospheric Sciences
North Carolina State University

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From: McGarry, Erin (NBCUniversal) <Erin.McGarry@nbcuni.com>
Sent: Friday, September 6, 2019 6:01 PM
To: John Leslie - NOAA Federal (john.leslie@noaa.gov)
Subject: NOAA defends Alabama / Dorian impacts, chastises NWS Birmingham

NO. WORDS. NONE.

<https://www.noaa.gov/news/statement-from-noaa>

Statement from NOAA

Statement from NOAA

Statement from NOAA

STATEMENT FROM NOAA:

From Wednesday, August 28, through Monday, September 2, the information provided by NOAA and the National Hurricane Center to President Trump and the wider public demonstrated that tropical-storm-force winds from Hurricane Dorian could impact Alabama. This is clearly demonstrated in Hurricane Advisories #15 through #41, which can be viewed at the [following link](#).

The Birmingham National Weather Service's Sunday morning tweet spoke in absolute terms that were inconsistent with probabilities from the best forecast products available at the time.

John Leslie - NOAA Federal

From: John Leslie - NOAA Federal
Sent: Saturday, September 7, 2019 2:41 PM
To: julie.roberts@noaa.gov; scott.smullen@noaa.gov; Christopher.Vaccaro@noaa.gov
Bcc: john.jones-bateman@noaa.gov
Subject: Fwd: Comms statement

Sent from my iPhone

Begin forwarded message:

From: Alek Krautmann - NOAA Federal <alek.krautmann@noaa.gov>
Date: September 6, 2019 at 6:45:50 PM EDT
To: john.leslie@noaa.gov
Subject: Comms statement

Hi John -

I'm reaching out just to help provide feedback from the agency. This statement is deeply upsetting to NOAA employees that have worked the hurricane and not fully accurate based on the timeline in question. Please raise this in feedback through proper channels.

<https://www.noaa.gov/news/statement-from-noaa>

--

Alek Krautmann
NOAA Satellite and Information Service (NESDIS)
***New Number* Cell:** (b)(6)
SSMC1: [301-713-1261](tel:301-713-1261)

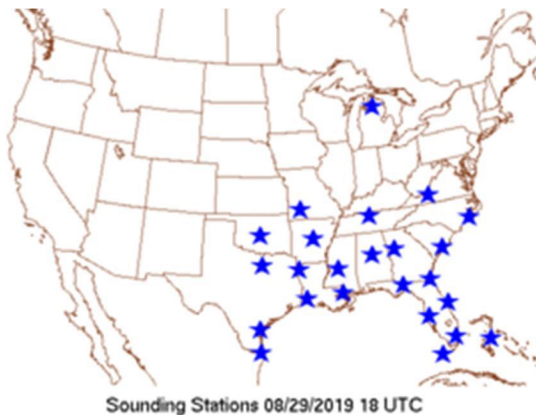
From: Weather discussion email list <MAP@LISTSERV.ALBANY.EDU> on behalf of Ronald Miller - NOAA Federal <000000affaa487c1-dmarc-request@LISTSERV.ALBANY.EDU>
Sent: Tuesday, September 3, 2019 3:15 PM
To: MAP@LISTSERV.ALBANY.EDU
Subject: Re: Forecast uncertainty in TC Dorian's turn to the north

One other question I had. I know that the National Weather Service has been conducting extra weather balloon launches, presumably to help with the accuracy of the NWP forecasts for Dorian. This has been done in the past in similar situations, including Hurricane Sandy. Has anyone ever looked at what the impact of these special radiosonde releases was? I'm thinking not just mathematically (e.g. numerical accuracy of the NWP forecasts with/without the extra radiosonde data), but also decision-making. Did having the 06Z/18Z radiosonde releases actually result in forecasters or emergency managers making decisions that they wouldn't have made without this extra data set?

I'm not trying to say we shouldn't be doing these extra releases, so please don't take it that way. Just curious as to their impact. It's obvious that we can't just add new upper air locations at a moments notice. So we do the best we can, by adding the 06Z and 18Z soundings. But does that really gain us anything that is measurable and actionable?

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To my knowledge, the releases started 29 Aug at 18Z in mostly southeast-US locations.



After a similar set on the 30th at 06Z, extra locations were added for the 30th at 18Z:



And these special launches have continued through the weekend.

Ron Miller
NWS Spokane

On Mon, Sep 2, 2019 at 7:03 AM Sheldon Kusselson <(b)(6)@gmail.com> wrote:
Lance,

The southern extent of the eastern Great Lake to West Virginia trough has shown a very weak shear-like axis press very slowly south and SE from Central NC to northern Louisiana as per <https://weather.cod.edu/satrad/?parms=continental-conus-08-24-1-100-1&checked=map&colorbar=undefined>. Until this southern extent gets closer and it does not look like it will till tonight or Tuesday morning, a very slow drift (west) is likely with Dorian. Only saving grace for the FL East Coast compared to what has been going on in the northern Bahamas is its slow movement, slow enough to wait for the effects of the southern extent of the upper trough. Others may have a different take on this and I suggest looking at CIRA's Advected Layered PW loop at: http://cat.cira.colostate.edu/sport/layered/advected/LPW_alt.htm for any more ideas. Just my take,

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Retired NOAA/NESDIS

On Sun, Sep 1, 2019 at 1:49 PM Dan Lindsey - NOAA Federal <0000006a2d176238-dmarc-request@listserv.albany.edu> wrote:

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Thoughts?

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Sounding Stations 08/29/2019 18 UTC



Sounding Stations 08/30/2019 18 UTC

Weather discussion email list

From: Weather discussion email list
Sent: Tuesday, September 3, 2019 3:34 PM
To: MAP@LISTSERV.ALBANY.EDU
Subject: Re: Forecast uncertainty in TC Dorian's turn to the north

I've had those same questions Ron! For each event, the key part of the continent to better sample could be in entirely different locations, and would shift with time. I would be very curious to see NWP forecasts with these extra soundings removed compared to them included, but my guess is that has been done at least for some of these events (I just haven't seen those presented). I can tell you we're going through helium quickly here at RNK and sampling some pretty dry air (which could be very useful information for the 06 and 18Z cycles)!

Steve

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Steve Keighton, Science and Operations Officer
National Weather Service – Blacksburg, VA
stephen.keighton@noaa.gov 540.552.1041 x 3
www.weather.gov/rnk
<https://www.facebook.com/NWSBlacksburg>

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Sounding Stations 08/29/2019 18 UTC



Sounding Stations 08/30/2019 18 UTC



Steve Keighton, Science and Operations Officer
National Weather Service – Blacksburg, VA
stephen.keighton@noaa.gov 540.552.1041 x 3
www.weather.gov/rnk
<https://www.facebook.com/NWSBlacksburg>

Alexandra Keclik - NOAA Federal

From: Alexandra Keclik - NOAA Federal
Sent: Saturday, September 7, 2019 3:21 PM
To: Louis Uccellini - NOAA Federal; Mary Erickson - NOAA Federal
Cc: Katie Collins Garrett - NOAA Federal; _NWS OCOS
Subject: Phone Numbers for NWS Offices

Hi Mary and Louis,

Here are the phone numbers for the WFOs, CWSUs, and RFCs that have dealt with Dorian. Additionally, I have listed the phone numbers for the National Centers. These numbers will likely lead to a phone tree, in which you will have to select the option to speak with a forecaster. If you need any additional numbers, please let me know.

San Juan, 787-253-4586
Key West 305-295-1316
Miami 305-229-4522
Miami CWSU 305-716-1635
Tampa 813-645-2323
Melbourne 321-255-0212
Jacksonville 904-741-4370
Jacksonville CWSU 904-549-1844
Tallahassee 850-942-8833
Birmingham 205-664-3010
Atlanta 770-486-1133
Atlanta SERFC 770-486-0028
Charleston 843-744-1436
Columbia 803-765-5501
Wilmington 910-762-4289
Newport, NC 252-223-5122
Raleigh 919-326-1042
Wakefield 757-899-4200
Sterling 703-996-2200
Washington CWSU 703-771-3449
Philadelphia/Mount Holly 609-261-6600
State College Mid-Atlantic RFC 814-234-2401
New York 631-924-0037
Boston 508-622-3250
Boston CWSU 603-879-6326
Boston NERFC 508-622-3300

NHC/HSU 305-229-4436
NHC/TAFB 305-229-4446
OPC 301-683-1520
WPC 240-554-7794
AWC 816-584-7239

SPC 405-325-2080

--

Alexandra Keclik
Executive Officer
Office of the Assistant Administrator
National Weather Service Headquarters

Cell: (b)(6)

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Sunday, September 1, 2019 10:48 AM
To: Julie Roberts - NOAA Federal
Subject: Re: SKY NEWS INTERVIEW: HURRICANE DORIAN

Yes

Sent from my iPhone

On Sep 1, 2019, at 10:47 AM, Julie Roberts - NOAA Federal <julie.roberts@noaa.gov> wrote:

Chris

Could you respond? I'm at FEMA with Neil preparing for the 12:30 POTUS.

Kindest regards,
Julie Kay Roberts, CEM
Deputy Chief of Staff
National Oceanic and Atmospheric Administration

"You can tell a lot about a fellow's character by his way of eating jelly beans." President Ronald Reagan

From: Khalili-Tari, Daniel (Other) <daniel.khalilitari2@sky.uk>
Sent: Sunday, September 1, 2019 8:09 AM
To: julie.roberts@noaa.gov; scott.smullen@noaa.gov; christopher.vaccaro@noaa.gov
Subject: SKY NEWS INTERVIEW: HURRICANE DORIAN

Hi – hope you're well,

I'm a journalist at Sky News and am contacting you to see if anyone from your organisation is available to come on for an interview at either 5.15pm or 5.45pm (UK time) to speak about Hurricane Dorian? We have studios in both New York and Washington DC. Also, we'll arrange transport on your behalf. Alternatively, we can speak by Skype or FaceTime. The interview will last around five minutes.

Feel free to call me on +447716441101.

Best,
Daniel Khalili-Tari

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Louis Uccellini - NOAA Federal

From: Louis Uccellini - NOAA Federal
Sent: Saturday, September 7, 2019 8:07 PM
To: George Jungbluth; mary.erickson@noaa.gov; John D. Murphy; kevin.cooley@noaa.gov; Andrew Stern
Cc: Susan Buchanan; Chris Vaccaro
Bcc: louis.uccellini@noaa.gov
Subject: Fwd: TIME SENSITIVE inquiry from WaPo

George et al; Including Andy if John is still in the air: Need to work with Susan and Chris on this one. Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
[1325 East West Highway](#)
[Silver Spring, MD 20910](#)
[301.713.9095](#)

Begin forwarded message:

From: "Freedman, Andrew" <Andrew.Freedman@washpost.com>
Date: September 7, 2019 at 7:49:35 PM EDT
To: Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov>, Scott Smullen - NOAA Federal <scott.smullen@noaa.gov>, "louis.uccellini@noaa.gov" <louis.uccellini@noaa.gov>, "Itkowitz, Colby" <Colby.Itkowitz@washpost.com>, "susan.buchanan@noaa.gov" <susan.buchanan@noaa.gov>
Cc: "Samenow, Jason" <Jason.Samenow@washpost.com>
Subject: TIME SENSITIVE inquiry from WaPo

Hi NWS press folks and Director Uccellini,

This is for a Washington Post story **running imminently online and in print on Sunday.**

On Sept. 1 and again on Sept. 4, NWS personnel received a guidance not to provide opinions on national level social media posts in the media and to stick with NHC forecasts if questions arise about the posts.

Staff understood this to be a response to President Trump's Alabama comments and that they were essentially being told not to contradict the president.

Can you respond to this and explain the reason behind sending these dual directives?

Please send any responses to Colby and myself. I'm cc'ing Jason as well who has been working on this story.

Thank you and all the best,

-Andrew

Louis Uccellini - NOAA Federal

From: Louis Uccellini - NOAA Federal
Sent: Saturday, September 7, 2019 8:44 PM
To: Andrew Stern - NOAA Federal
Cc: Susan Buchanan - NOAA Federal; George Jungbluth; Mary Erickson - NOAA Federal; John D. Murphy; Kevin Cooley - NOAA Federal; Chris Vaccaro
Bcc: louis.uccellini@noaa.gov
Subject: Re: TIME SENSITIVE inquiry from WaPo

Andy: I was going to offer a modification to your suggested reply below but paused when I read in a later email that these were your exact words. What was going to insert was the word "ongoing" or developing" between "other" and "severe". To read "...other ongoing severe ..." or "...other developing severe....".

If you want to stick with original, I understand but I thought your point about the other events was important and I was trying to insert a bit more urgency

Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
[1325 East West Highway](#)
[Silver Spring, MD 20910](#)
[301.713.9095](#)

On Sep 7, 2019, at 8:20 PM, Andrew Stern - NOAA Federal <andrew.stern@noaa.gov> wrote:

Susan,

I concur with your assessment. However, it was bigger than just Dorian. We had wildfires ongoing in the west, developing tropical systems in both the Atlantic and Pacific basins and had other areas of thunderstorms to watch. I would modify it slightly. Our mission is supposed to be apolitical.

"NWS leadership sent these directives to field staff so they (and the entire agency) could maintain operational focus on Dorian and other severe weather hazards without distraction."

On Sat, Sep 7, 2019 at 8:12 PM Susan Buchanan - NOAA Federal <susan.buchanan@noaa.gov> wrote:

We may not get clearance to respond, but if Julie approves, I suggest something simple like this:

"NWS leadership sent these directives to field staff so they (and the entire agency) could maintain operational focus on Dorian without distraction."

--

Susan Buchanan

Director of Public Affairs
National Weather Service
301-427-9000

On Sat, Sep 7, 2019 at 8:06 PM Louis Uccellini - NOAA Federal <louis.uccellini@noaa.gov> wrote:

George et al; Including Andy if John is still in the air: Need to work with Susan and Chris on this one. Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
1325 East West Highway
Silver Spring, MD 20910
[301.713.9095](tel:301.713.9095)

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Date: September 7, 2019 at 7:49:35 PM EDT
To: Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov>, Scott Smullen - NOAA Federal <scott.smullen@noaa.gov>, "louis.uccellini@noaa.gov" <louis.uccellini@noaa.gov>, "Itkowitz, Colby" <Colby.Itkowitz@washpost.com>, "susan.buchanan@noaa.gov" <susan.buchanan@noaa.gov>
Cc: "Samenow, Jason" <Jason.Samenow@washpost.com>
Subject: TIME SENSITIVE inquiry from WaPo

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This is for a Washington Post story **running imminently online and in print on Sunday.**

On Sept. 1 and again on Sept. 4, NWS personnel received a guidance not to provide opinions on national level social media posts in the media and to stick with NHC forecasts if questions arise about the posts.

Staff understood this to be a response to President Trump's Alabama comments and that they were essentially being told not to contradict the president.

Can you respond to this and explain the reason behind sending these dual directives?

Please send any responses to Colby and myself. I'm cc'ing Jason as well who has been working on this story.

Thank you and all the best,
-Andrew

--

Andrew Stern
Director, Analyze, Forecast and Support Office
NOAA/National Weather Service
Office: 301-427-9120
Cell: (b)(6)

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Sunday, September 1, 2019 2:54 PM
To: Katherine Brogan - NOAA Federal
Cc: Julie Roberts - NOAA Federal
Subject: Re: AP media query - Sunday -- FEMA guidance re Alabama?

Julie- are you good with me getting back to AP? I dont want them calling around...

On Sun, Sep 1, 2019 at 2:48 PM Katherine Brogan - NOAA Federal <katherine.brogan@noaa.gov> wrote:
Thank you Chris....think that works.

Kate

Kate Brogan
Special Projects Coordinator
Office of the Assistant Secretary of Commerce for Environmental Observation and Prediction
(Cell) (b)(6) // (HCHB) 202/482-1026
On detail from NOAA Communications

On Sun, Sep 1, 2019 at 2:41 PM Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov> wrote:

I can reply... with just the NHC forecast.

Sent from my iPhone

On Sep 1, 2019, at 2:38 PM, Katherine Brogan - NOAA Federal <katherine.brogan@noaa.gov> wrote:

Hi Julie and Christopher,

Can I send this reporter to NWS PA for latest forecast guidance? Would a statement be advisable give that we may get additional questions on this tweet?

Please let me know how you would recommend proceeding. I can also loop in FEMA but this seems primarily like a forecast question.

Thank you,

Kate

Kate Brogan
Special Projects Coordinator
Office of the Assistant Secretary of Commerce for Environmental Observation and Prediction
(Cell) (b)(6) // (HCHB) 202/482-1026
On detail from NOAA Communications

----- Forwarded message -----

From: **Yen, Hope** <HYen@ap.org>

Date: Sun, Sep 1, 2019 at 2:32 PM

Subject: AP media query - Sunday -- FEMA guidance re Alabama?

To: katherine.brogan@noaa.gov <katherine.brogan@noaa.gov>

Katherine-

Greetings, this is Hope Yen, reporter with AP here in Washington DC working the Sunday news desk.

I wanted to reach out b/c President Trump indicated today at least twice that Alabama was in the path of Hurricane Dorian, and would likely be hit.

The NWS on twitter indicates otherwise.

Can you tell me if NOAA or FEMA have provided any guidance today on whether Alabama will be impacted?

Please advise soonest and thank you—

I'm best reached today at 202 641 9410 or my contact #s below

Hope

TRUMP tweet on Sunday: "In addition to Florida - South Carolina, North Carolina, Georgia, and Alabama, will most likely be hit (much) harder than anticipated."

Hope Yen

National Reporter

The Associated Press

1100 13th St NW Suite 500

Washington DC 20005

202 641 9459 direct

202 365 4373 cell

From: Katherine Brogan - NOAA Federal <katherine.brogan@noaa.gov>
Sent: Saturday, August 31, 2019 1:46 PM
To: Strong, Thomas <tstrong@ap.org>; FEMA-News-Desk <fema-news-desk@fema.dhs.gov>
Subject: Re: Associated Press information for FEMA call

Hi Tom,

Thank you for confirming Cal Woodward for today's media call. The dial in number is

(b)(6)

and

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Thank you,
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Special Projects Coordinator, NOAA

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On detail from NOAA Communications

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--



Chris Vaccaro
Senior Media Relations Specialist
NOAA Communications
C: (b)(6) / O: 202-482-3978

Katherine Brogan - NOAA Federal

From: Katherine Brogan NOAA Federal
Sent: Sunday, September 1, 2019 2:59 PM
To: Christopher Vaccaro NOAA Federal
Cc: Julie Roberts NOAA Federal
Subject: Re: AP media query Sunday FEMA guidance re Alabama?
Attachments: NWS Birmingham.png

FYSA tweet from NWS Birmingham.

Kate Brogan
Special Projects Coordinator
Office of the Assistant Secretary of Commerce for Environmental Observation and Prediction
(Cell) (b)(6) // (HCHB) 202/482 1026
On detail from NOAA Communications

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(Cell) (b)(6) // (HCHB) 202/482 1026
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Date: Sun, Sep 1, 2019 at 2:32 PM
Subject: AP media query Sunday FEMA guidance re Alabama?
To: katherine.brogan@noaa.gov <katherine.brogan@noaa.gov>

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The Associated Press

1100 13th St NW Suite 500

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Chris Vaccaro
Senior Media Relations Specialist
NOAA Communications
(b) (6) / O: 202-482-3978

143 2.4K 2.1K



NWS Birmingham @NWSBirmingham · 4h

Alabama will NOT see any impacts from #Dorian. We repeat, no impacts from Hurricane #Dorian will be felt across Alabama. The system will remain too far east. #alwx

23 105 232

NWS Birmingham Retweeted

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Sunday, September 1, 2019 2:59 PM
To: Katherine Brogan - NOAA Federal
Cc: Julie Roberts - NOAA Federal
Subject: Re: AP media query - Sunday -- FEMA guidance re Alabama?

Sending guidance email shortly

On Sun, Sep 1, 2019 at 2:58 PM Katherine Brogan - NOAA Federal <katherine.brogan@noaa.gov> wrote:
FYSA tweet from NWS Birmingham.

Kate Brogan
Special Projects Coordinator
Office of the Assistant Secretary of Commerce for Environmental Observation and Prediction
(Cell) (b)(6) // (HCHB) 202/482-1026
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Special Projects Coordinator

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--



Chris Vaccaro
Senior Media Relations Specialist
NOAA Communications
C: 202-536-8911 / O: 202-482-3978

--



Chris Vaccaro
Senior Media Relations Specialist
NOAA Communications
C: 202-536-8911 / O: 202-482-3978

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Sunday, September 1, 2019 3:03 PM
To: HYen@ap.org
Subject: Re: AP media query - Sunday -- FEMA guidance re Alabama?

Hi Hope-

The current forecast path of Dorian does not include Alabama:

https://www.nhc.noaa.gov/refresh/graphics_at5+shtml/155815.shtml?cone#contents

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From: **Yen, Hope** <HYen@ap.org>
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Yen, Hope

From: Yen, Hope
Sent: Sunday, September 1, 2019 3:05 PM
To: Christopher Vaccaro - NOAA Federal
Subject: RE: AP media query - Sunday -- FEMA guidance re Alabama?

Christopher --Thanks for your reply

From: Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov>
Sent: Sunday, September 01, 2019 3:03 PM
To: Yen, Hope <HYen@ap.org>
Subject: Re: AP media query - Sunday -- FEMA guidance re Alabama?

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(Cell) (b)(6) // (HCHB) 202/482-1026

On detail from NOAA Communications

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Louis Uccellini - NOAA Federal

From: Louis Uccellini - NOAA Federal
Sent: Sunday, September 8, 2019 5:24 PM
To: Mary Erickson - NOAA Federal
Cc: Benjamin Friedman - NOAA Federal
Bcc: louis.uccellini@noaa.gov
Subject: Re: Regarding reports on path of Hurricane Dorian

Mary: powerful statement. Maybe send her the All Hands. Everybody else has it. And it was quoted in the WaPo. Louis

--

Dr. Louis W. Uccellini, Director
NOAA/National Weather Service
[1325 East West Highway](#)
[Silver Spring, MD 20910](#)
[301.713.9095](#)

On Sep 8, 2019, at 4:13 PM, Mary Erickson - NOAA Federal <mary.erickson@noaa.gov> wrote:

Ben, FYSA.

Sent from my iPhone
Mary Erickson
NOAA DAA for Wx Services
240-678-2849 (Cell)

Begin forwarded message:

From: Sherrie P <(b)(6)>
Date: September 7, 2019 at 7:39:39 PM EDT
To: oar.cos@noaa.gov, louis.uccellini@noaa.gov, mary.erickson@noaa.gov,
stuart.levenbach@noaa.gov
Subject: Regarding reports on path of Hurricane Dorian

The responsibility you all bear is phenomenal.

The fact that our current White House Administration has placed undue burdens on those of us in positions of life-and-death responsibility, though reprehensible, does not lessen these obligations.

Americans-- and by the way, the entire world--is appropriately horrified that NOAA is no longer standing by Sept.1 assurances that "Alabama

will NOT see any impacts from Dorian."

**Regardless of pressure being so unfairly, perhaps criminally, exerted ,
NWS needs to re-issue a *public restatement of the truth*.**

It is NWS's - and more generally, NOAA 's job to report the facts, not cave in to obvious attempts to cover up nonsense. Agencies across the spectrum are dealing with that very problem. In one example among many, we have all seen horrifying ways the best goals of our EPA are being destroyed!

NOAA and our NWS have always been agencies deserving our trust. Let's keep it that way. While our national weather and ocean advisory institutions will live on, the current Administration in this country is temporary.

Along with the rest of the country, and folks everywhere, I hope NOAA and NWS will not fall by the wayside, as have agencies similarly tasked with serious, science-based jobs.

Thank you for the work you do.

Please don't allow that to be undermined by what is, in all likelihood, a temporary but very dark time for America's democracy.

Sincerely

Sherrie Lieber Pasarell

(b)(6)

Mary Erickson - NOAA Federal

From: Mary Erickson - NOAA Federal
Sent: Sunday, September 8, 2019 10:49 AM
To: Steven Cooper - NOAA Federal; Mike Coyne - NOAA Federal; Jason Tuell; Mickey Brown; Bob Maxson; Kenneth Graham - NOAA Federal; Debra Blondin - NOAA Federal; Russell Schneider; Darin Figurskey; David Novak; Kathryn Gilbert; Thomas Graziano
Cc: George Jungbluth - NOAA Federal; Andrea Bleistein - NOAA Federal; Alexandra Keclik - NOAA Federal; NWS PCO - NOAA Service Account; _NWS.Executive.Council; John Murphy; John Potts; Kevin Cooley
Subject: Fwd: Phone Numbers for NWS Offices

Field Directors,

First -- thank you for working closely with your teams during Dorian, and on issues that they may have concerns about. I wanted to let you know directly that Kevin Cooley, John Potts and I will be making short appreciation calls to several centers and forecast offices today just to provide a direct contact and reassurance from NWS HQ leadership of our support to them. This is meant to be additive to your efforts, and we will acknowledge our confidence in your leadership and support for those efforts as well.

Feel free to contact any of us with any comments or questions.

Best,
Mary

----- Forwarded message -----

From: Andrea Bleistein - NOAA Federal <andrea.bleistein@noaa.gov>
Date: Sun, Sep 8, 2019 at 9:06 AM
Subject: Re: Phone Numbers for NWS Offices
To: _NWS.Executive.Council <nws.executive.council@noaa.gov>
Cc: Jeremy Andrucyk - NOAA Federal <jeremy.andrucyk@noaa.gov>, _NWS OCOS <nws.ocos@noaa.gov>

Good morning EC - Following up from the call. Please see phone call assignments below based upon the list below:

Kevin Cooley: San Juan to Birmingham and WPC to SPC
Mary Erickson: Atlanta to Raleigh and NHC to OPC
John Potts: Wakefield to Boston

Jeremy is circulating short talking points. I have linked notes from the call below.

Andrea



On Sun, Sep 8, 2019 at 8:14 AM George Jungbluth - NOAA Federal <george.jungbluth@noaa.gov> wrote:

----- Forwarded message -----

From: **Alexandra Keclik - NOAA Federal** <alexandra.keclik@noaa.gov>

Date: Sat, Sep 7, 2019 at 3:21 PM

Subject: Phone Numbers for NWS Offices

To: Louis Uccellini - NOAA Federal <louis.uccellini@noaa.gov>, Mary Erickson - NOAA Federal <mary.erickson@noaa.gov>

CC: Katie Collins Garrett - NOAA Federal <katie.collins.garrett@noaa.gov>, _NWS OCOS <nws.ocos@noaa.gov>

Hi Mary and Louis,

Here are the phone numbers for the WFOs, CWSUs, and RFCs that have dealt with Dorian. Additionally, I have listed the phone numbers for the National Centers. These numbers will likely lead to a phone tree, in which you will have to select the option to speak with a forecaster. If you need any additional numbers, please let me know.

San Juan, 787-253-4586

Key West 305-295-1316

Miami 305-229-4522

Miami CWSU 305-716-1635

Tampa 813-645-2323

Melbourne 321-255-0212

Jacksonville 904-741-4370

Jacksonville CWSU 904-549-1844

Tallahassee 850-942-8833

Birmingham 205-664-3010

Atlanta 770-486-1133

Atlanta SERFC 770-486-0028

Charleston 843-744-1436

Columbia 803-765-5501

Wilmington 910-762-4289

Newport, NC 252-223-5122

Raleigh 919-326-1042

Wakefield 757-899-4200

Sterling 703-996-2200

Washington CWSU 703-771-3449

Philadelphia/Mount Holly 609-261-6600

State College Mid-Atlantic RFC 814-234-2401

New York 631-924-0037

NY CWSU : 631-468-1082

Boston 508-622-3250

Boston CWSU 603-879-6326

Boston NERFC 508-622-3300

NHC/HSU 305-229-4436
NHC/TAFB 305-229-4446
OPC 301-683-1520
WPC 240-554-7794
AWC 816-584-7239
SPC 405-325-2080

--

Alexandra Keclik
Executive Officer
Office of the Assistant Administrator
National Weather Service Headquarters

Cell: (b)(6)

--

Sent from Gmail Mobile

--

Andrea J. Bleistein

andrea.bleistein@noaa.gov

(o) 301-427-6908

(c) (b)(6)

Weather-Ready Nation
NOAA National Weather Service
Office of Organizational Excellence
<http://www.weather.gov/ooe/>

[Excellence in Government Fellow](#)

--

Mary Erickson
Deputy Assistant Administrator
NOAA's National Weather Service
O: 301-713-0711
C: (b)(6)
www.weather.gov

Peyton Robertson - NOAA Federal

From: Peyton Robertson - NOAA Federal
Sent: Sunday, September 8, 2019 4:17 PM
To: nws.executive.council@noaa.gov
Subject: Fwd: NOS' Response to Hurricane Dorian

Wow - quite a message.

Sent from my iPhone

Begin forwarded message:

From: Nicole LeBoeuf - NOAA Federal <nicole.leboeuf@noaa.gov>
Date: September 8, 2019 at 4:11:58 PM EDT
To: _NOS All Hands <nosallhands@noaa.gov>
Cc: Benjamin Friedman - NOAA Federal <benjamin.friedman@noaa.gov>
Subject: NOS' Response to Hurricane Dorian

Good afternoon NOS,

I am writing to express to you how deeply grateful I am for NOS's and for NOAA's collective response to Hurricane Dorian. I could not be more proud of how well we performed and continue to perform as much of the work, particularly for NOS, is just getting started.

NOS employees' performance leading up to and during Hurricane Dorian was and remains exemplary. Last week wasn't easy for any of us caught up in the human and environmental impacts associated with this event. To give you a partial sense of the scale of Hurricane Dorian's footprint on NOS and our partners, we activated our Incident Management Team, multiple National Marine Sanctuaries and National Estuarine Research Reserves closed operations, we issued our Quick Looks product, we activated our Disaster Preparedness Program, we contributed to the deployment of gliders to better understand storm intensification, and we utilized real-time information from our newly launched Coastal Inundation Dashboard, as well as our tried and tested Environmental Response Management Application. We participated in multiple times a day briefings and, at one point, we had over 300 employees (including contractors, NOAA Corps Officers, and Sea Grant fellows) in the area of impact.

Many of our staff and partners found themselves under local or state mandatory evacuation orders as we embedded others at FEMA's National Response Coordination Center. Across NOAA, but particularly at NOS, during storm events, some employees find themselves securing facilities and ensuring that staff are safe as others position teams and assets to move into these same areas to assess damage and begin the long, hard work of helping communities recover what's been lost. With all of our Mission Essential Functions now pre-authorized by FEMA, NOS' National Geodetic Survey and the Office of Coast Survey's Navigational Response Teams are collecting coastal imagery and conducting hydrographic surveys in FL, GA, SC, and NC. Most

importantly at NOS, we have no indications of any injuries or major damage throughout our workforce or facilities nor those of our partners.

The potential seriousness of impacts from coastal hazards, such as tropical storms and hurricanes, should never be underestimated nor trivialized. When NOAA's National Weather Service issues watches and warnings, like the general public, we must take them to heart. The destruction and loss of life in the Bahamas is a reminder of the havoc these powerful systems can wreak on coastal communities. I'm not a stranger to this notion as I grew up along the Texas coast, experiencing multiple storm events. I've packed my bags, boarded up my house, driven through the night to safety, and then driven home to uncertainty. People living along the U.S. east coast experienced these or similar events as Hurricane Dorian approached. They relied upon NOAA, including NOS' products and services, to give them the insights they needed to make difficult choices for themselves and their families. These people included not only the general public, but NOS' own employees, our partners, and many in our extended NOAA family.

Like many of you, as Dorian turned northward after savaging the Bahamas, my heart was with friends and family in the shifting area of impact. From Florida to the Carolinas, I was on the phone with loved ones daily as they decided whether or not to evacuate, what to take with them if they left, and about the potential for the damage they might come home to. As Dorian approached, I spoke with NOAA colleagues across the southeast United States as they also prepared for the storm - either in their personal lives, as professionals, or both. It is because much of NOAA lives and works in coastal communities that the whole of our lives are impacted by coastal hazards. It is because I consider NOAA part of my family that I reached out to colleagues at the NWS's National Hurricane Center, at OAR's Atlantic Oceanographic and Meteorological Laboratory, at NOAA's Office of Marine and Aviation Operations, and elsewhere across the agency to check in on them and to offer words of support and encouragement.

Across NOAA, we've dedicated our lives to collect, analyze, and disseminate information critical to saving the lives of others. We stand by that information not only because we know it to be the most accurate and authoritative available, but because we also may live and work in harm's way during any given event. This is what's called having skin in the game - a vested interest in the quality of our work and in the trust the public places in us as NOAA employees and as members of local communities. Those we serve are often our friends and neighbors. When we place a NOAA logo on the side of a building and come to work each day, we send a very powerful signal to all - "We are here with you, we are doing all we can to understand the potential risks of environmental and man hazards, and we will share with you the best information we have so that we all might remain safe."

Because of the accuracy and reliability of the tools and data that NOAA and NOS provides, the American people are enabled to live and prosper in the coastal zone and across our great nation. Our data and information are not only authoritative, but we strive to make how we collect, analyze, and use these data transparent to the public - a hallmark of dedicated public service and of our scientific and professional ethics. The continued public trust in NOAA and in NOS is of paramount importance, and I want to recognize the men and women across NOAA and NOS for their responsiveness, professionalism, commitment to service, as well as to their love of the organization.

Because of the accuracy and reliability of the tools and data that NOAA and NOS provides, the American people are enabled to live and prosper in the coastal zone and across our great

nation. Our data and information are not only authoritative, but we strive to make how we collect, analyze, and use these data transparent to the public - a hallmark of dedicated public service and of our scientific and professional ethics. The continued public trust in NOAA and in NOS is of paramount importance, and I want to recognize the men and women across NOAA and NOS for their responsiveness, professionalism, commitment to service, as well as to their love of the organization.

As a 22-year NOAA employee, I could not be more proud of how we prepared for, responded to, and will continue to aid recovery from this complex storm and recent challenging events associated with it. I am hopeful that NOAA's response to Hurricane Dorian, a clear display of courage and commitment and of what it means to us to wear the NOAA logo, will serve as a reminder of what the NOAA mission means not just to us, but to the American people.

I have honorably served NOAA for most of my adult life and am fully invested in its continued success. It is because of ALL of us who embody NOAA's slogan of science, service, and stewardship that I am certain that our world-class reputation will endure beyond these challenging times.

Steady as we go,

Nicole

--

Nicole R. LeBoeuf
Acting Assistant Administrator
for Ocean Services and Coastal Zone Management
National Ocean Service
(301) 713-3074 office
(301) 713-4269 fax
(b)(6) mobile

Timothy Gallaudet - NOAA Federal

From: Timothy Gallaudet - NOAA Federal
Sent: Saturday, September 7, 2019 1:37 PM
To: Stuart Levenbach - NOAA Federal
Subject: Re: Angry Stakeholders

Roger.

Tim Gallaudet, Ph.D., Rear Admiral, U.S. Navy (Ret.)
Assistant Secretary of Commerce for Oceans and Atmosphere /
Deputy NOAA Administrator

On Sep 7, 2019, at 7:02 AM, Stuart Levenbach - NOAA Federal <Stuart.Levenbach@noaa.gov> wrote:

FYI

----- Forwarded message -----

From: Benjamin Friedman - NOAA Federal <benjamin.friedman@noaa.gov>
Date: Sat, Sep 7, 2019 at 11:59 AM
Subject: Re: Angry Stakeholders
To: Mary Erickson - NOAA Federal <mary.erickson@noaa.gov>
Cc: Susan Buchanan - NOAA Federal <susan.buchanan@noaa.gov>, Julie Roberts - NOAA Federal <julie.roberts@noaa.gov>, Scott Smullen <Scott.Smullen@noaa.gov>, Christopher Vaccaro <christopher.vaccaro@noaa.gov>, George Jungbluth - NOAA Federal <george.jungbluth@noaa.gov>, Louis Uccellini <louis.uccellini@noaa.gov>, Stuart Levenbach - NOAA Federal <stuart.levenbach@noaa.gov>

Thanks. Yes, I am being targeted as well. This is a difficult time. I know that political leadership is discussing next steps.

Ben

Sent from my iPhone

On Sep 7, 2019, at 10:53 AM, Mary Erickson - NOAA Federal <mary.erickson@noaa.gov> wrote:

Thanks for the update, Susan. + Adding Ben Friedman for awareness on ops impacts.

Our team is reporting same. Media is also targeting WFO folks on personal phones and emails. It creating a growing concern about impacting our connections to EM's, since leaders at some WFO's have had to turn off their cell phones due to the large volume of calls.

Mary

Sent from my iPhone
Mary Erickson
NOAA DAA for Wx Services
(b)(6) (Cell)

On Sep 7, 2019, at 10:19 AM, Susan Buchanan - NOAA Federal
<susan.buchanan@noaa.gov> wrote:

Hi Julie,

FYSA: I wanted to let you know that the NWS PA team is receiving a lot of angry/hate mail and phone calls on our cell phones about the statement NOAA released yesterday. I am starting to get forwards from WFOs who are receiving the same type of mail in their general email boxes. We are not responding, but I wanted leadership to have the best situational awareness of the fallout. People are finding us on LinkedIn and targeting us with hate mail from there as well.

Regards,
-Susan

--

Susan Buchanan
Director of Public Affairs
National Weather Service
301-427-9000

Dale, Daniel

From: Dale, Daniel
Sent: Monday, September 2, 2019 2:01 PM
To: christopher.vaccaro@noaa.gov
Subject: CNN request - Dorian and Alabama

Hi Chris,

I'm a CNN reporter. I saw your comment to AP about Dorian and Alabama: "The current forecast path of Dorian does not include Alabama."
Could you tell me if that is still true?

Thank you for your time.

Sincerely,

Daniel

Daniel Dale
Reporter
CNN
Daniel.dale@cnn.com
Cell: 202-660-8601
Twitter: @ddale8

Scott Cordero - NOAA Federal

From: Scott Cordero - NOAA Federal
Sent: Thursday, September 5, 2019 10:00 AM
To: Al Sandrik; Scott Cordero
Cc: _NWS SR-JAX.Joinme
Subject: Coastal Impacts Assessments (Photos, etc.) in SE GA and NE FL

Hello SE GA and NE FL Coastal Partners,

Dorian Assessments

Whew! What a difference a day makes! Thanks for all of the great coordination and your great work for our communities over these past many days with Hurricane Dorian. I'm sure we're all ready to move this one to the history books. Even now, Dorian is threatening our friends to our north and our thoughts are with them.

As we move through recovery mode, the NWS JAX would like to kindly solicit any damage photos you might have or collect in the coming days. Dorian is a historical storm, and we want to document it well and learn from it.

For Coastal and St. Johns River Counties, as you perform your assessments please consider the immediate beach/dune areas and along the St. Johns River Basin. If you note any location where the dunes were over-topped or where roads were impacted, please make note of the location and let us know (so that we can further coordinate). Again, send us whatever photos that you can.

When returning information to the JAX National Weather Service, please use the following email:

- sr-jax.severewx@noaa.gov

Thanks for all that you do!

--

Scott C. Cordero

Meteorologist In Charge
National Weather Service
13701 Fang Dr.
Jacksonville, FL 32218

Phone: (904) 741-4370 x 222
Mobile: (b)(6)
email: scott.cordero@noaa.gov

Working Together to Save Lives!!

Stuart Levenbach - NOAA Federal

From: Stuart Levenbach - NOAA Federal
Sent: Monday, September 9, 2019 7:16 AM
To: Timothy Gallaudet - NOAA Federal
Subject: Update

I am personally staffing Neil in Alabama, joined by Taylor. We have drafted remarks that, if given, should help Neil in addressing staff concerns.

(b)(6)

Stu

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Monday, September 2, 2019 7:02 PM
To: McGarry, Erin (NBCUniversal)
Subject: Re: [EXTERNAL] NOAA leadership available for Today

Hi- yes, that's possible. Is there a day/time in mind?

-Chris

Sent from my iPhone

On Sep 2, 2019, at 6:51 PM, McGarry, Erin (NBCUniversal) <Erin.McGarry@nbcuni.com> wrote:

Hello Chris,

Unfortunately we're going to have to decline for TDY Show, but is there a chance we could get him on MSNBC? I understand if this isn't possible.

Thank you,
erin

From: Christopher Vaccaro - NOAA Federal [<mailto:christopher.vaccaro@noaa.gov>]
Sent: Monday, September 02, 2019 2:37 PM
To: McGarry, Erin (NBCUniversal)
Subject: Re: [EXTERNAL] NOAA leadership available for Today

Hi Erin-

Just wanted to check back in case you're interested in having Dr. Jacobs on tomorrow or later this week.

Thanks...
-Chris

Sent from my iPhone

On Sep 1, 2019, at 11:22 AM, McGarry, Erin (NBCUniversal) <Erin.McGarry@nbcuni.com> wrote:

Hello! Great to hear from you and thanks so much for thinking of us!

I'll bring this to our EP's attention, but if we can't get him on Monday, I know we'd be interested later in the week.

And I started writing this email yesterday and never got it sent! My apologies.

I will check back in.

Thank you!!

From: Christopher Vaccaro - NOAA Federal [<mailto:christopher.vaccaro@noaa.gov>]
Sent: Saturday, August 31, 2019 12:11 PM
To: McGarry, Erin (NBCUniversal)
Subject: [EXTERNAL] NOAA leadership available for Today

Hi Erin-

Hope you're doing well and keeping afloat with all things Dorian! I know I'm trying!

I wanted to reach out regarding the Today Show's coverage of Dorian for Monday.

NOAA's acting Administrator, Dr. Neil Jacobs, would love to remotely join A1 to discuss the latest forecast on Dorian and the science and technology used and deployed to get the best possible forecast for this storm. And of course he can address other aspects of the storm that you would like to raise.

Dr. Jacobs gives great interviews and he is an atmospheric scientist (he was also among those briefing the President on Thursday). Other biographical information on Dr. Jacobs can be found here: <https://www.noaa.gov/our-people/leadership/dr-neil-jacobs>. He would be available to come to the NBC studio in DC or join from the studio at FEMA headquarters.

Please let me know if you'd like to book Dr. Jacobs!

Thank you...

-Chris



Chris Vaccaro
Senior Media Relations Specialist

NOAA Communications
C: (b)(6) / O: [202-482-3978](tel:202-482-3978)

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Tuesday, September 3, 2019 8:19 AM
To: Wnek, Samantha M.
Cc: Zee, Ginger; Golembo, Max
Subject: Re: NOAA leader available for GMA Monday

Thanks...and I can check with NHC on the data point.

-Chris

Sent from my iPhone

On Sep 3, 2019, at 7:57 AM, Wnek, Samantha M. <Samantha.M.Wnek@abc.com> wrote:

Hi Chris,
Thanks for reaching out! I think we are all good for broadcast purposes.

Wondering if you could help point us in the right direction or perhaps Dr. Neil Jacobs could answer – now that we know Dorian has been stationary for 14 hours, is that a record for the longest stationary hurricane?

Thanks so much for any guidance!
Sam

--

Samantha Wnek
Meteorologist
ABC News/Good Morning America

From: Christopher Vaccaro - NOAA Federal [<mailto:christopher.vaccaro@noaa.gov>]
Sent: Saturday, August 31, 2019 12:03 PM
To: Zee, Ginger <Ginger.Zee@abc.com>; Golembo, Max <Max.Golembo@abc.com>; Wnek, Samantha M. <Samantha.M.Wnek@abc.com>
Subject: NOAA leader available for GMA Monday

Hi Ginger, Max, Sam!

Hope you're doing well and keeping afloat with all things Dorian! I know I'm trying!

I wanted to reach out regarding GMA's Monday show and your coverage of Dorian.

NOAA's acting Administrator, Dr. Neil Jacobs, would love to remotely join GMA to discuss the latest forecast on Dorian and the science and technology used and deployed to get the best possible

forecast for this storm. And of course he can address other aspects of the storm that you would like to raise.

Dr. Jacobs gives great interviews and he is an atmospheric scientist (he was also among those briefing the President on Thursday). Other biographical information on Dr. Jacobs can be found here: <https://www.noaa.gov/our-people/leadership/dr-neil-jacobs>. He would be available to come to the ABC studio in DC or join from the studio at FEMA headquarters.

Please let me know if you'd like to book Dr. Jacobs!

Thank you...

-Chris



Chris Vaccaro

Senior Media Relations Specialist

NOAA Communications

C: (b)(6) / O: [202-482-3978](tel:2024823978)

Parks Camp - NOAA Federal

From: Parks Camp - NOAA Federal
Sent: Saturday, September 7, 2019 8:51 AM
To: _NWS SR-TAE.Operations
Subject: Media Inquiries

Per guidance from NWSHQ and SRH...

Any media questions/inquiries regarding the past forecasts of Dorian, or any of the related social media posts/statements, should be referred to NOAA Public Affairs. In addition, do not respond to related questions/comments/etc via office social media accounts.

NOAA Public Affairs Contacts

christopher.vaccaro@noaa.gov (with cc to susan.buchanan@noaa.gov and lauren.gaches@noaa.gov)
202-482-6090

Parks Camp
Science and Operations Officer
National Weather Service, Tallahassee, FL
parks.camp@noaa.gov

Roger Martin - NOAA Federal

From: Roger Martin - NOAA Federal
Sent: Monday, September 9, 2019 6:58 PM
To: Louis Uccellini - NOAA Federal
Subject: Thank You

Dr. Uccellini,

I can't imagine the amount of email traffic you must get, so I'll keep this short.

I just wanted to say thank you for what you said today at the NWA conference. Your honesty and support meant a lot to me, personally. I imagine that same sentiment will be felt by many across the NWS. I know it has to be huge for the NWS Birmingham office especially. It was a really neat moment to see Kevin Laws, and then the other NWS forecasters, acknowledged. Even from some conversations in our office here at ICT, that support probably means more than you may realize.

Sincerely,

Roger Martin
Meteorologist
National Weather Service Forecast Office
Wichita, KS
<http://www.weather.gov/ict/>
Email: roger.martin@noaa.gov
Work: 316-942-8483
Twitter: @RM3wx

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Wednesday, September 4, 2019 4:08 PM
To: David Miller
Subject: Fwd: Message From NWS Leadership On Recent WH Tweet; Send Any Questions to NOAA Public Affairs

----- Forwarded message -----

From: National Weather Service Operations Center <nws.opscenter@noaa.gov>
Date: Wed, Sep 4, 2019 at 3:37 PM
Subject: Message From NWS Leadership On Recent WH Tweet; Send Any Questions to NOAA Public Affairs
To: _NCEP AWC NAM <ncep.awc.nam@noaa.gov>, _NWS AR ROC <nws.ar.roc@noaa.gov>, _NWS CR ROC <CRHROC@noaa.gov>, _NWS ER ROC <erh.roc@noaa.gov>, _NWS PR ROC <pr.roc@noaa.gov>, _NWS SR ROC <SR-SRH.Roc@noaa.gov>, _NWS WR ROC <WR.ROC@noaa.gov>, Christopher Landsea - NOAA Federal <chris.landsea@noaa.gov>, Darin Figurskey <darin.figurskey@noaa.gov>, Darone Jones - NOAA Federal <darone.jones@noaa.gov>, Jon Gottschalck - NOAA Federal <Jon.Gottschalck@noaa.gov>, National Water Center Ops <nws.nwc.ops@noaa.gov>, NCEP - WPC - Greg Carbin <gregory.carbin@noaa.gov>, NWS Ops Center <nws.opscenter@noaa.gov>, Patrick Marsh - NOAA Federal <Patrick.Marsh@noaa.gov>, sbf wpc - NOAA Service Account <sbf.wpc@noaa.gov>, William Bunting - NOAA Federal <william.bunting@noaa.gov>
Cc: Lauren Gaches - NOAA Federal <lauren.gaches@noaa.gov>, Public Affairs - Susan Buchanan <Susan.Buchanan@noaa.gov>, NWS Ops Center - Mike Sowko <Mike.Sowko@noaa.gov>, Mike Bettwy <mike.bettwy@noaa.gov>, Cindy Woods <Cindy.Woods@noaa.gov>, John Murphy - NOAA Federal <John.D.Murphy@noaa.gov>, Mary Erickson - NOAA Federal <mary.erickson@noaa.gov>, Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov>, George Jungbluth <george.jungbluth@noaa.gov>, nws.ocos <nws.ocos@noaa.gov>

Attention all ROCs and National Centers,

NWS Leadership is asking that we do NOT respond via social media, or other, to any questions which arise from a tweet recently posted by the White House containing an old NHC forecast for Dorian.

Staff should direct any questions/inquiries to NOAA Public Affairs. Have them contact Christopher Vaccaro (christopher.vaccaro@noaa.gov) and also copy Susan Buchanan (susan.buchanan@noaa.gov) and Lauren Gaches (lauren.gaches@noaa.gov).

ROCs, please pass along this message to WFOs, National Centers, please pass along to staff working social media/phones.

Thank you,

Shawn Smith
National Weather Service Operations Center
Silver Spring, MD
Normal Operating Hours: 6:00 a.m. - 10:00 p.m. Eastern Time daily

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Thursday, September 5, 2019 9:12 AM
To: Joel Cline - NOAA Federal
Subject: Re: LiveScience/Trump's doctored hurricane map

Thanks, Joel! Just continue to send them over - no need to comment at all.

If this comes up during a phone interview, your clean response is "I'm focused on the upcoming impacts from Dorian on the Carolinas and mid-Atlantic."

-Chris

On Thu, Sep 5, 2019 at 8:55 AM Joel Cline - NOAA Federal <joel.cline@noaa.gov> wrote:

----- Forwarded message -----

From: **Jeanna Bryner** <jeanna.bryner@futurenet.com>
Date: Thu, Sep 5, 2019 at 8:37 AM
Subject: LiveScience/Trump's doctored hurricane map
To: Joel Cline - NOAA Federal <joel.cline@noaa.gov>

Hi Joel,

I'm hoping to write an article for LiveScience.com on the implications of the doctored hurricane map that President Trump presented yesterday. What are forecasters saying about that incident and its implications? Let me know if you have any comment.

thank you,
Jeanna

Jeanna Bryner
Editor-in-Chief
Live Science
T +1 212 703 5849
M +1 646 831 7755



Future, 11 West 42nd Street, 15th Floor, New York, NY 10036
www.futureplc.com



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Sydney: Suite 3, Level 10, 100 Walker Street, North Sydney, NSW 2059, Australia (trading address of Future Publishing (Overseas) Limited)

--

Joel Cline
Tropical Program Coordinator
301-427-9849 Office
Silver Spring, MD 20910

--



Chris Vaccaro

Senior Media Relations Specialist

NOAA Communications

C: (b)(6) / O: 202-482-3978

Dennis Feltgen - NOAA Service Account

From: Dennis Feltgen - NOAA Service Account
Sent: Thursday, September 5, 2019 12:29 PM
To: Christopher Vaccaro - NOAA Federal
Subject: Fwd: earlier American models for Dorian

----- Forwarded message -----

From: <twalsh@silverstar.com>
Date: Thu, Sep 5, 2019 at 12:23 PM
Subject: earlier American models for Dorian
To: <NHC.Public.Affairs@noaa.gov>

With dozens of relatives located in Lower Alabama and friends in eastern Louisiana, I was quite concerned early last week about the potential impact of Hurricane Dorian if it came across the state of Florida and entered the Gulf of Mexico with a heading toward south Alabama and eastern Louisiana.

I saw an on-line display of an early "American model" of the projected path of Dorian, and it was across the middle of Florida and headed into the Gulf of Mexico towards Alabama and Louisiana.

Of course, that was a very early model, and, as everybody now knows, the hurricane took a dramatic northerly direction turn and has gone up the eastern seaboard.

Can you please resend me an electronic link of that early American model of the projected path of Dorian. I believe I saw it last Tuesday or Wednesday, August 27th or the 28th?

Thanks,

Tom Walsh
twalsh@silverstar.com

--

Dennis Feltgen
Communications & Public Affairs Officer
Meteorologist
NOAA Communications & External Affairs
National Hurricane Center
Miami, Fla.
305-229-4404
dennis.feltgen@noaa.gov
nhc.public.affairs@noaa.gov

Chris Darden - NOAA Federal

From: Chris Darden - NOAA Federal
Sent: Thursday, September 5, 2019 5:45 PM
To: Christopher Vaccaro - NOAA Federal
Cc: Steven Cooper
Subject: Re: Followup to Today's Social Media/Public Inquiries

Gotcha thanks. We are forwarding everything your way generally.

Chris

Sent from my iPhone

On Sep 5, 2019, at 4:27 PM, Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov> wrote:

(b)(5)

Media guidance from yesterday still applies.

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Chris,

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Thanks... additional Tweets this morning helped fuel this story into today. Just

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-Chris

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They ran another article today:

<https://www.cnn.com/2019/09/05/politics/alabama-dorian-donald-trump/index.html>

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On Thu, Sep 5, 2019 at 11:51 AM Christopher Vaccaro - NOAA Federal
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-Chris

On Thu, Sep 5, 2019 at 12:32 PM Chris Darden - NOAA Federal
<chris.darden@noaa.gov> wrote:

Chris,

fyi...

We just got a call from the CNN New Day program wanting us to do an on camera or phone interview. The desk number is 646-467-1742.

I let it go to voicemail.

Chris

----- Forwarded message -----

From: **Chris Darden - NOAA Federal** <chris.darden@noaa.gov>

Date: Sun, Sep 1, 2019 at 8:41 PM

Subject: Followup to Today's Social Media/Public Inquiries

To: _NWS SR BMX <sr-bmx.all@noaa.gov>

Cc: Mike Coyne <mike.coyne@noaa.gov>, Jose Garcia

<Jose.Garcia@noaa.gov>, Susan Buchanan - NOAA Federal

<susan.buchanan@noaa.gov>

Everyone,

First off, I hope everyone is having a great holiday weekend.

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If we get any calls or questions about this, please forward them to me. I have cc'd SRH and also Susan Buchanan for their awareness.

Thanks!

Chis

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Chris Darden
Meteorologist in Charge
National Weather Service
465 Weathervane Road
Calera, AL 35040

Phone: 205-664-3010 extension 222

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Website: <http://www.weather.gov/bmx>

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NOAA Communications
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Chris Vaccaro
Senior Media Relations Specialist
NOAA Communications
C: (b)(6) / O: 202-482-3978

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Friday, September 6, 2019 8:06 AM
To: Julie Roberts
Subject: Fwd: Followup to Today's Social Media/Public Inquiries

See email below on the Sunday situation. I can try to get the attachments he references. I didn't get that Sunday email until yesterday when CNN was calling around.

Sent from my iPhone

Begin forwarded message:

From: Chris Darden - NOAA Federal <chris.darden@noaa.gov>
Date: September 5, 2019 at 12:31:53 PM EDT
To: Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov>
Cc: Steven Cooper <steven.cooper@noaa.gov>
Subject: Fwd: Followup to Today's Social Media/Public Inquiries

Chris,

fyi...

We just got a call from the CNN New Day program wanting us to do an on camera or phone interview. The desk number is 646-467-1742.

I let it go to voicemail.

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----- Forwarded message -----

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Date: Sun, Sep 1, 2019 at 8:41 PM
Subject: Followup to Today's Social Media/Public Inquiries
To: _NWS SR BMX <sr-bmx.all@noaa.gov>
Cc: Mike Coyne <mike.coyne@noaa.gov>, Jose Garcia <Jose.Garcia@noaa.gov>, Susan Buchanan - NOAA Federal <susan.buchanan@noaa.gov>

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Thanks!

Chris

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From: Chris Darden - NOAA Federal <chris.darden@noaa.gov>
Sent: Friday, September 6, 2019 10:07 AM
To: Christopher Vaccaro - NOAA Federal
Subject: Re: Followup to Today's Social Media/Public Inquiries

It was the tweet and FB post. Let me send them to you.

Chris

On Fri, Sep 6, 2019 at 9:01 AM Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov> wrote:
Hi Chris-

I was reading below to your original email from Sunday. What were the two attachments?

Thanks...

On Thu, Sep 5, 2019 at 5:45 PM Chris Darden - NOAA Federal <chris.darden@noaa.gov> wrote:
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[REDACTED] (b)(5)
[REDACTED]

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C: (b)(6) / O: 202-482-3978

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Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Friday, September 6, 2019 10:08 AM
To: Chris Darden - NOAA Federal
Subject: Re: Followup to Today's Social Media/Public Inquiries

Thanks...and so sorry that you've (and we've all) had to deal with this.

On Fri, Sep 6, 2019 at 10:06 AM Chris Darden - NOAA Federal <chris.darden@noaa.gov> wrote:
It was the tweet and FB post. Let me send them to you.

Chris

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Monica Allen - NOAA Federal

From: Monica Allen - NOAA Federal
Sent: Saturday, September 7, 2019 8:58 AM
To: Gina Eosco - NOAA Affiliate
Cc: Christopher Vaccaro - NOAA Federal; Jennifer Sprague - NOAA Federal
Subject: Re: Wall Street Journal inquiry

Hi Gina

Please also keep Keli Pirtle and Chris and Jennifer in the loop on your draft response to the wsj as I'm on vacation now and may not be within WiFi this week.

Thanks

Monica

On Fri, Sep 6, 2019 at 2:20 PM Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov> wrote:

Hi Monica, Gina-

The same WSJ reporter contacted NWS today... Can you coordinate on how to best respond to all angles?

Thanks...

-Chris

----- Forwarded message -----

From: Campo-Flores, Arian <arian.campo-flores@dowjones.com>
Date: Fri, Sep 6, 2019 at 1:49 PM
Subject: Wall Street Journal inquiry
To: <jennifer.sprague@noaa.gov>

Hi Jennifer,

I'm a reporter at the Wall Street Journal and have been covering Hurricane Dorian for the past week. I'm now working on a piece about advances in hurricane forecasting and how those impact emergency planners and residents in affected zones. One of the questions I'm interested in is how NOAA tries to communicate these forecasting advances, and the storm risks entailed, effectively to the public. I saw that you're the social science program manager for NOAA, so I was hoping to get a little more info on how NOAA is incorporating the social sciences into all this. Do you have a little time to chat this afternoon? Thanks so much,

Arian

Arian Campo-Flores
STAFF REPORTER



M: +1 305 773 0773 O: +1 305 735 9445

E: Arian.Campo-Flores@wsj.com

T: [@acampoflores](#)



--

Jennifer Sprague-Hilderbrand

National Weather Service
Office of Programming, Planning and Service Delivery
Senior Advisor

Office Number: 301-427-9065

Mobile: (b)(6)

Jennifer.Sprague@noaa.gov



Chris Vaccaro

Senior Media Relations Specialist
NOAA Communications

C: (b)(6) / O: 202-482-3978

--

Monica Allen

Acting Director of Communications for NOAA Research
and Director of Media Relations for NOAA Research

[301-734-1123](tel:301-734-1123) (office), (b)(6) (cell)

Twitter: @MAllenNOAA

monica.allen@noaa.gov

NWS PCO - NOAA Service Account

From: NWS PCO - NOAA Service Account
Sent: Monday, September 9, 2019 9:56 PM
To: Julie Roberts - NOAA Federal
Cc: Chris Vaccaro
Subject: Re: NWA Facebook Live

Hi. It will not be.

--

Charles Bell

Program Coordination Officer
NOAA's National Weather Service Office of the Under Secretary
desk: 202-482-1162
cell: 202-725-8143

On Mon, Sep 9, 2019, 7:02 PM Julie Roberts - NOAA Federal <julie.roberts@noaa.gov> wrote:

Charles

Will the NWA Facebook live the remarks in the morning?

Kindest regards,

Julie Kay Roberts, CEM

Deputy Chief of Staff

National Oceanic and Atmospheric Administration

“You can tell a lot about a fellow’s character by his way of eating jelly beans.” President Ronald Reagan

From: chris.wamsley@noaa.gov
Sent: Monday, September 2, 2019 6:13 AM
To: Hurricane Update
Bcc: mary.erickson@noaa.gov
Subject: Grand Bahama Island Continues to Experience Catastrophic Winds and Storm Surge As Dorian Inches Westward

Dear Congressional Colleagues:

The Federal Emergency Management Agency and the Florida Division of Emergency Management invite Members of Congress and staff from the Florida Delegation and our Authorizers and Appropriators to join us Tuesday, September 3rd at 10:00 a.m. EDT, for an update on Hurricane Dorian. In coordination with our State and interagency partners we will provide an overview of ongoing operations. Members of Congress and staff will be provided an opportunity to ask questions at the end of the call.

Dial-in Information:

Conference Call for the Florida Delegation

Date: Tuesday, September 3rd at 10:00 a.m. EDT

Dial-In Number: (b)(6)

Passcode: (b)(6)

We encourage you to dial-in at least 5 minutes prior to the call start time to be placed into the conference.

Please contact (b)(6) with any questions.

Sincerely,
NOAA/NWS Congressional Affairs Team

Matt Borgia | matthew.borgia@noaa.gov | 202-482-1939

John Sokich | john.sokich@noaa.gov | (b)(6)

Chris Wamsley | chris.wamsley@noaa.gov | (b)(6)

Life-Threatening Storm Surge and Dangerous Hurricane-Force Winds are Expected Along Portions of the Florida East Coast and Georgia Coast, Regardless of the Exact Track of Dorian's Center.

Key Points

- **At 1100 AM EDT**, the eye of Hurricane Dorian was located near latitude 26.8 North, longitude 78.3 West.
- Dorian is moving very slowly toward the west near 1 mph.
- A slow westward to west-northwestward motion is forecast during the next day or so, followed by a gradual turn

toward the northwest and north.

- On this track, the core of extremely dangerous Hurricane Dorian will continue to pound Grand Bahama Island through much of today and tonight.
- **The hurricane will then move dangerously close to the Florida east coast late tonight through Wednesday evening**
- **Then Dorian will move dangerously close to the Georgia and South Carolina coasts on Wednesday night and Thursday.**
- Maximum sustained winds are near 155 mph (250 km/h) with higher gusts.
- Dorian is an extremely dangerous category 4 hurricane on the Saffir-Simpson Hurricane Wind Scale.
- Although gradual weakening is forecast, Dorian is expected to remain a powerful hurricane during the next couple of days.
- Hurricane-force winds extend outward up to 45 miles from the center and tropical-storm-force winds extend outward up to 140 miles.
- The estimated minimum central pressure is 922 mb (27.23 inches).

Current Warnings and Watches in Effect

A **Storm Surge Warning** is in effect for...

- Lantana to the Flagler/Volusia County Line

A **Storm Surge Watch** is in effect for...

- North of Deerfield Beach to south of Lantana
- Flagler/Volusia County Line to the Savannah River

A **Hurricane Warning** is in effect for...

- Grand Bahama and the Abacos Islands in the northwestern Bahamas
- Jupiter Inlet to the Flagler/Volusia County Line

A **Hurricane Watch** is in effect for...

- North of Deerfield Beach to Jupiter Inlet
- Flagler/Volusia County Line to the Altamaha Sound Georgia

A **Tropical Storm Warning** is in effect for...

- North of Deerfield Beach to Jupiter Inlet

A **Tropical Storm Watch** is in effect for...

- North of Golden Beach to Deerfield Beach
- Lake Okeechobee

Hazards Affecting Land

WIND:

- Catastrophic hurricane conditions continue on Grand Bahama Island. Do not venture out into the eye, as winds will suddenly increase after the eye passes.
- Hurricane conditions are expected within the Hurricane Warning area in Florida by late tonight or Tuesday. Hurricane conditions are possible in the Hurricane Watch area on Wednesday.
- Tropical storm conditions are expected within the Tropical Storm warning area today and Tuesday, and are possible in the Tropical Storm watch area by tonight.

STORM SURGE:

- A life-threatening storm surge will raise water levels by as much as 18 to 23 feet above normal tide levels in areas of onshore winds on Grand Bahama Island.
- Near the coast, the surge will be accompanied by large and destructive waves. Water levels should very slowly subside on the Abaco Islands during the day.
- The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline.

The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

- Lantana to the Savannah River...4 to 7 ft
- North of Deerfield Beach to Lantana...2 to 4 ft

Water levels could begin rise well in advance of the arrival of strong winds. The surge will be accompanied by large and destructive waves.

Surge-related flooding depends on the how close the center of Dorian comes to the coast, and can vary greatly over short distances.

RAINFALL:

Dorian is expected to produce the following rainfall totals through late this week:

- Northwestern Bahamas...12 to 24 inches, isolated 30 inches.
- Central Bahamas...Additional 1 to 3 inches, isolated storm totals of 6 inches.
- Coastal Carolinas...5 to 10 inches, isolated 15 inches.
- Atlantic Coast from the Florida peninsula through Georgia...4 to 8 inches, isolated 10 inches.

This rainfall may cause life-threatening flash floods.

SURF:

- Large swells are affecting east-facing shores of the Bahamas and the Florida east coast, and will spread northward along the southeastern United States coast during the next few days.
- These swells are likely to cause life-threatening surf and rip current conditions.

TORNADOES:

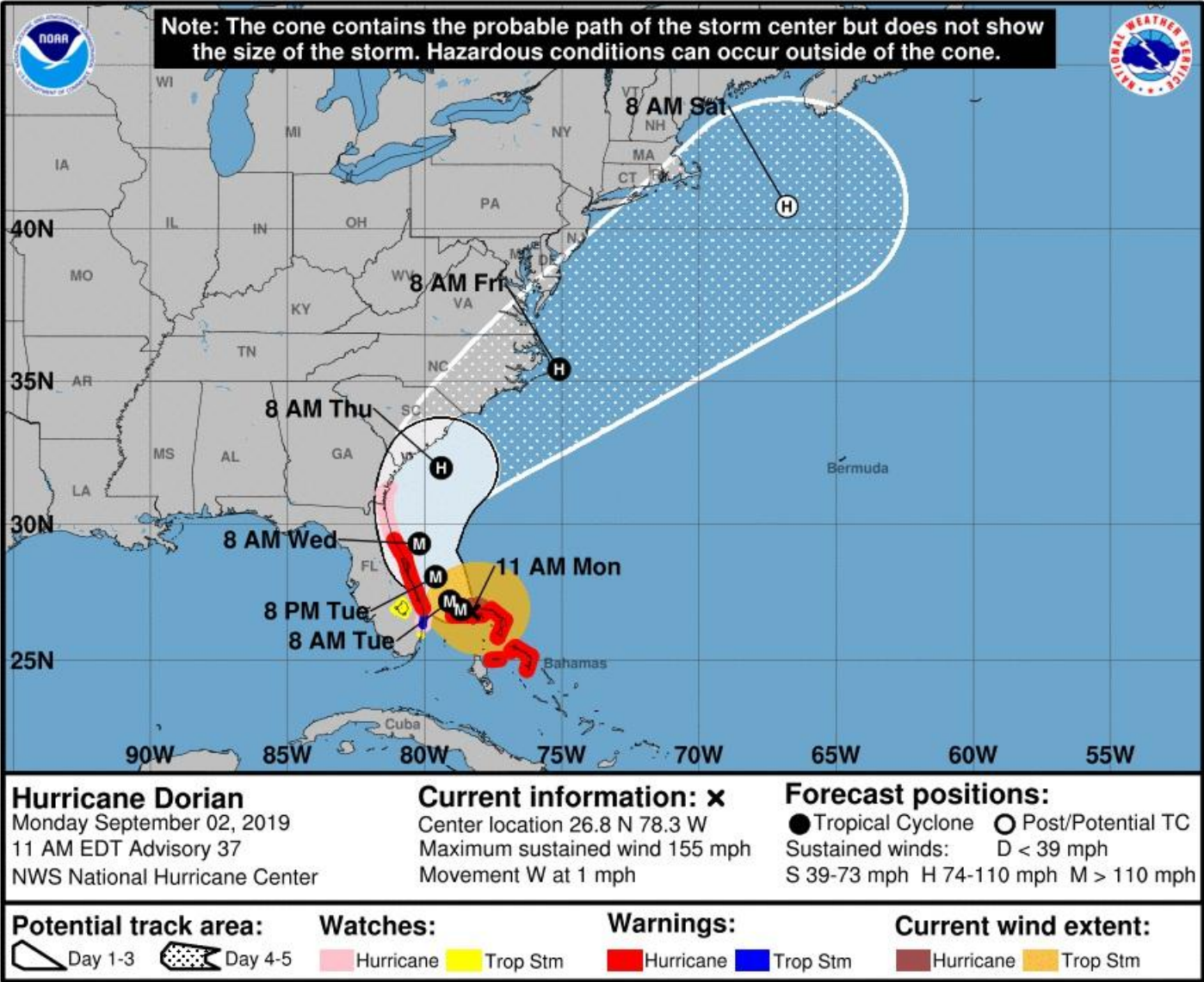
- Isolated tornadoes are possible this afternoon into tonight along the immediate coast of east-central Florida.

Links

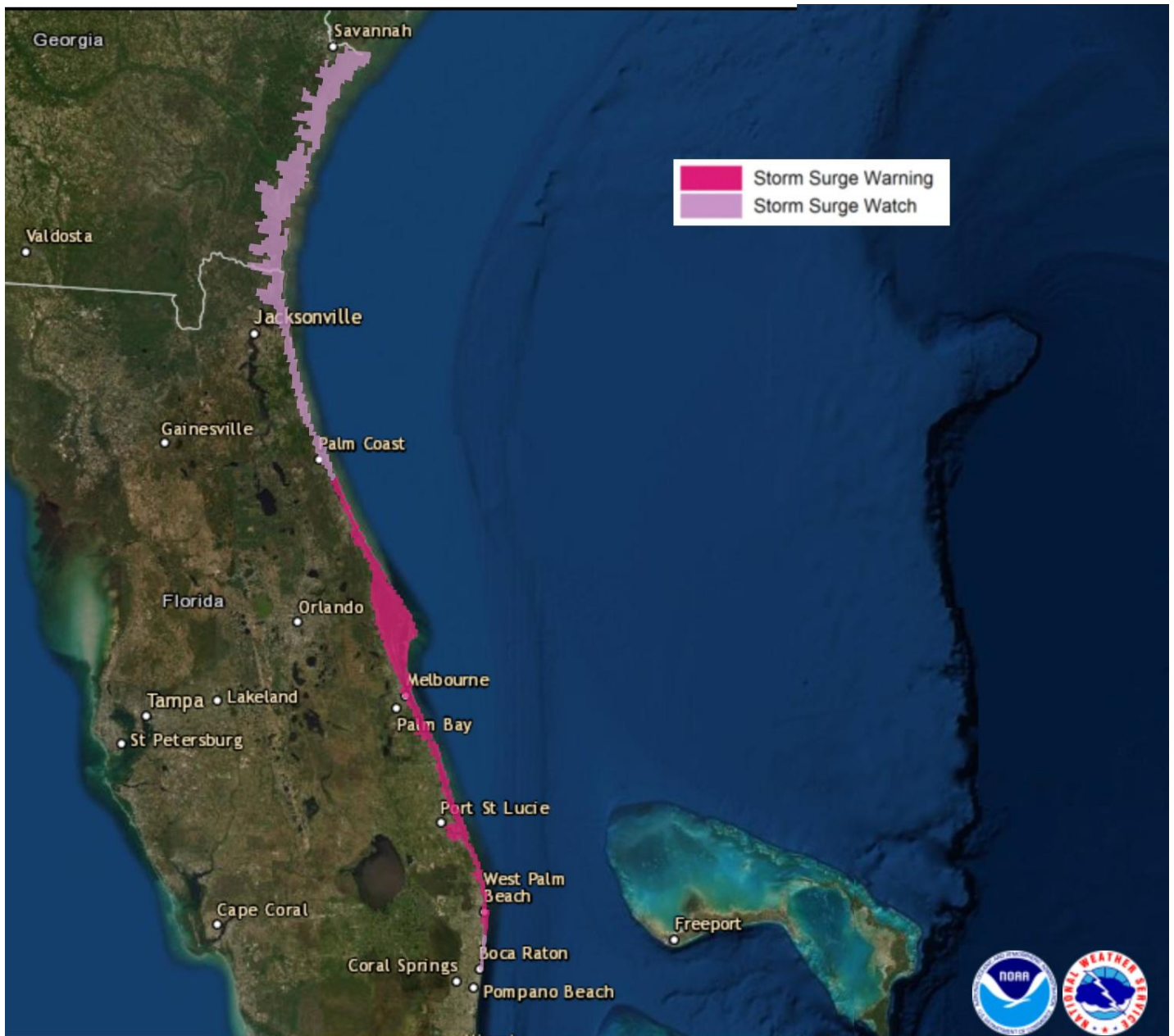
- [NOAA's National Hurricane Center](#)
- [Dorian Key Messages & Graphics](#)
- [National Weather Service](#) - Local Forecast (clickable map)
- [Dorian Satellite Loop](#)
- [NWS Tropical Safety Tips](#)
- [NOAA's National Ocean Service - Dorian QuickLooks](#)
- [NWS Weather Prediction Center - Quantitative Precipitation Forecasts](#)
- [NWS Weather Prediction Center - Excessive Rainfall Outlooks](#)
- [NWS Weather Prediction Center - Mesoscale Precipitation Discussions](#)
- [NWS National Hurricane Center - Atlantic Operations Twitter Feed](#)
- [NOAA Office of Marine and Aviation Operations - NOAA Hurricane Hunters Twitter Feed](#)
- [NOAA's National Environmental Satellite, Data and Information Service - NOAA Satellites Twitter Feed](#)
- [NOAA's National Ocean Service - Twitter Feed](#)
- [NWS Weather Prediction Center - Twitter Feed](#)
- [NWS Social Media Hub](#)
- [NWS Weather-Ready Nation](#)

Graphics

Five Day Track Forecast for Dorian from NOAA's National Hurricane Center



NOAA's National Hurricane Center Storm Surge Watch and Warning Map



Key Messages from NOAA's National Hurricane Center



Key Messages for Hurricane Dorian

Advisory 37: 11:00 AM EDT Mon Sep 02, 2019

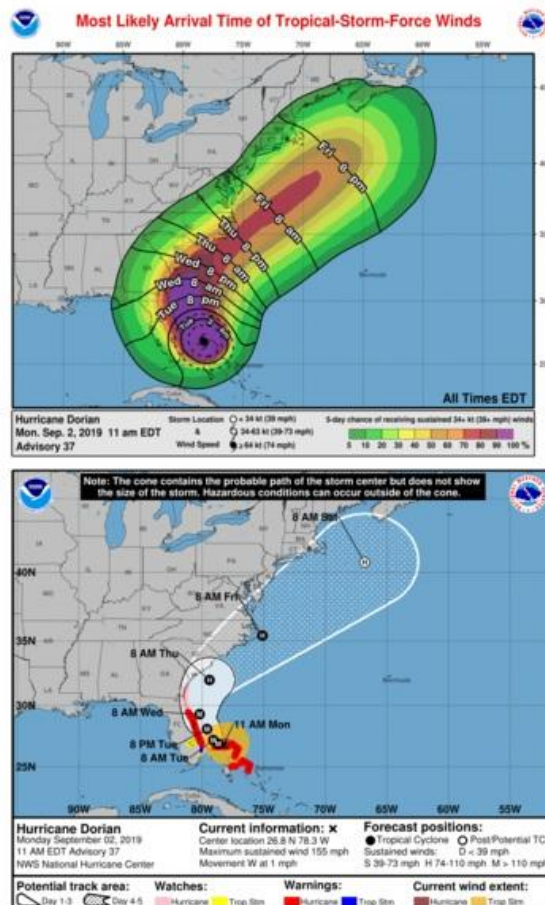


1. A prolonged period of catastrophic winds and storm surge will continue to affect Grand Bahama Island through today and tonight. Everyone there should remain in shelter and not venture into the eye.

2. Life-threatening storm surge and dangerous hurricane-force winds are expected along portions of the Florida east coast and Georgia coast, regardless of the exact track of Dorian's center. Water levels could begin to rise well in advance of the arrival of strong winds. Residents in these areas should follow advice given by local emergency officials.

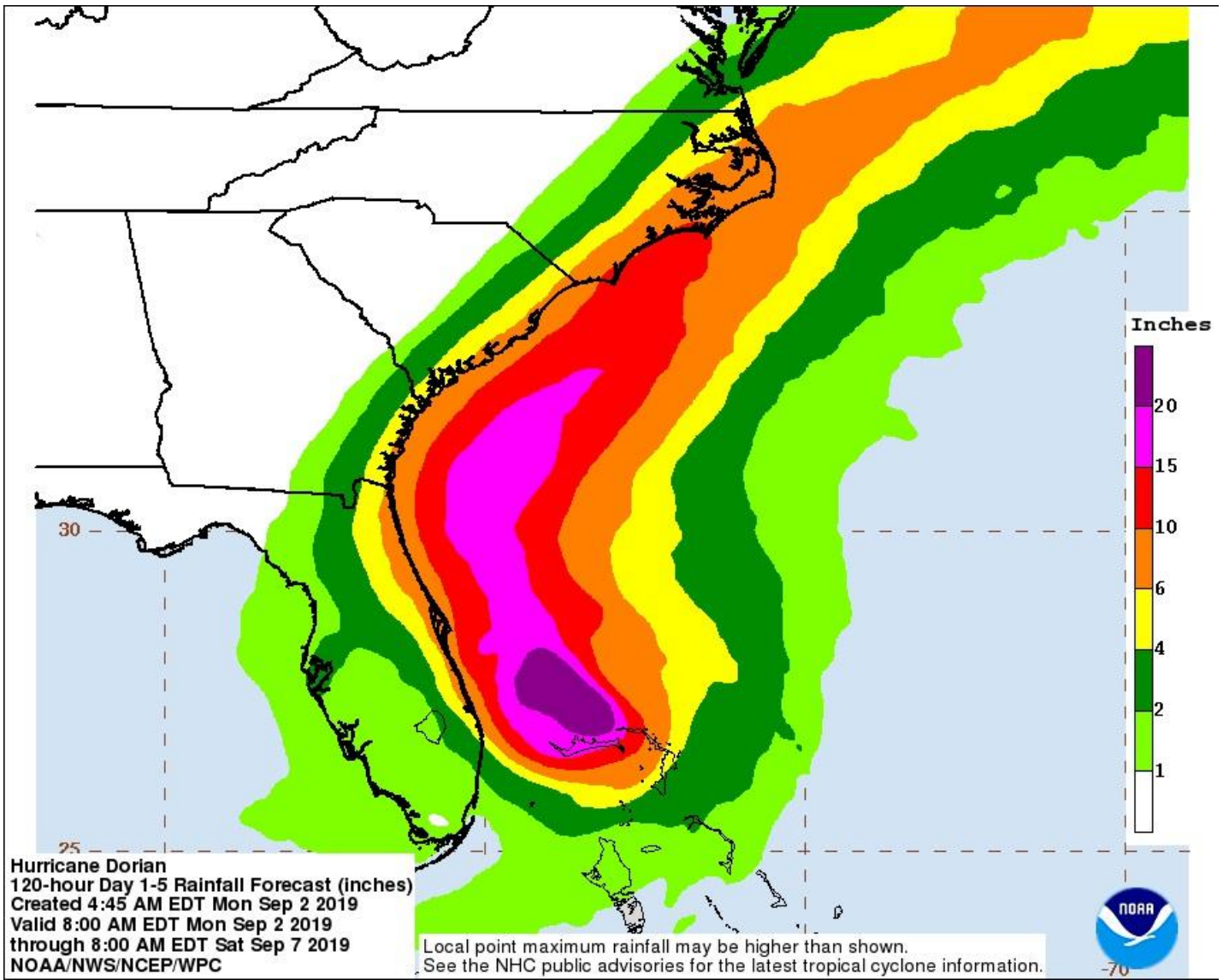
3. The risk of life-threatening storm surge and hurricane-force winds continues to increase along the coasts of South Carolina and North Carolina. Residents in these areas should follow advice given by local emergency officials.

4. Heavy rains, capable of producing life-threatening flash floods, are expected over northern portions of the Bahamas and coastal sections of the Southeast and lower Mid-Atlantic regions of the United States into Friday.



For more information go to hurricanes.gov

5 Day Forecast Rainfall NOAA's Weather Prediction Center (Through 8am ET Saturday September 7th, 2019)





Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Hurricane Dorian

Monday September 02, 2019
11 AM EDT Advisory 37
NWS National Hurricane Center

Current information: x

Center location 26.8 N 78.3 W
Maximum sustained wind 155 mph
Movement W at 1 mph

Forecast positions:

● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area:

Day 1-3 Day 4-5

Watches:

Hurricane Trop Stm

Warnings:

Hurricane Trop Stm

Current wind extent:

Hurricane Trop Stm



Key Messages for Hurricane Dorian

Advisory 37: 11:00 AM EDT Mon Sep 02, 2019

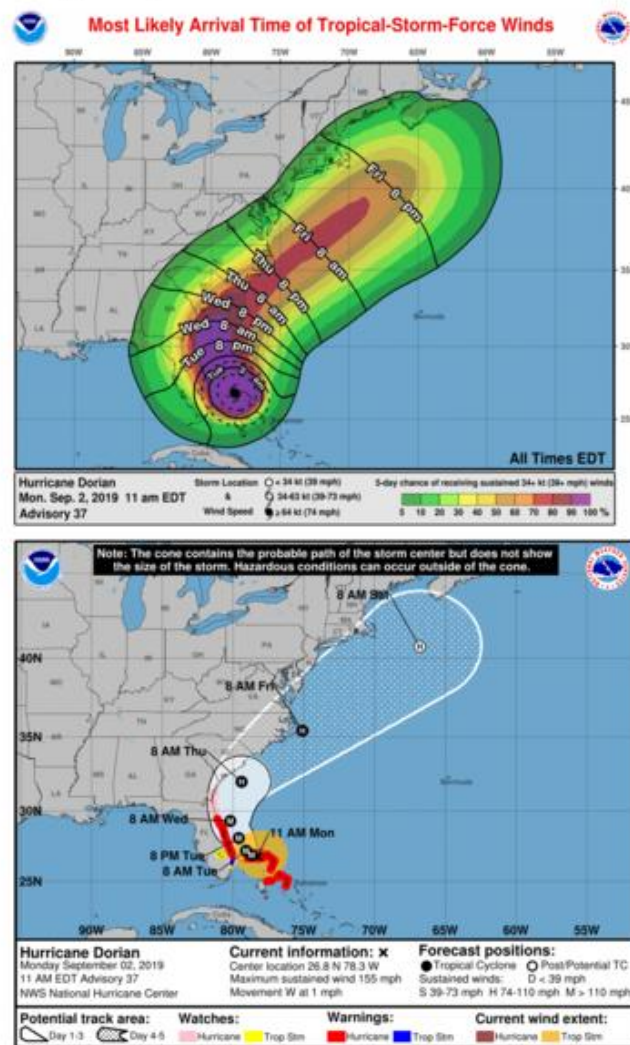


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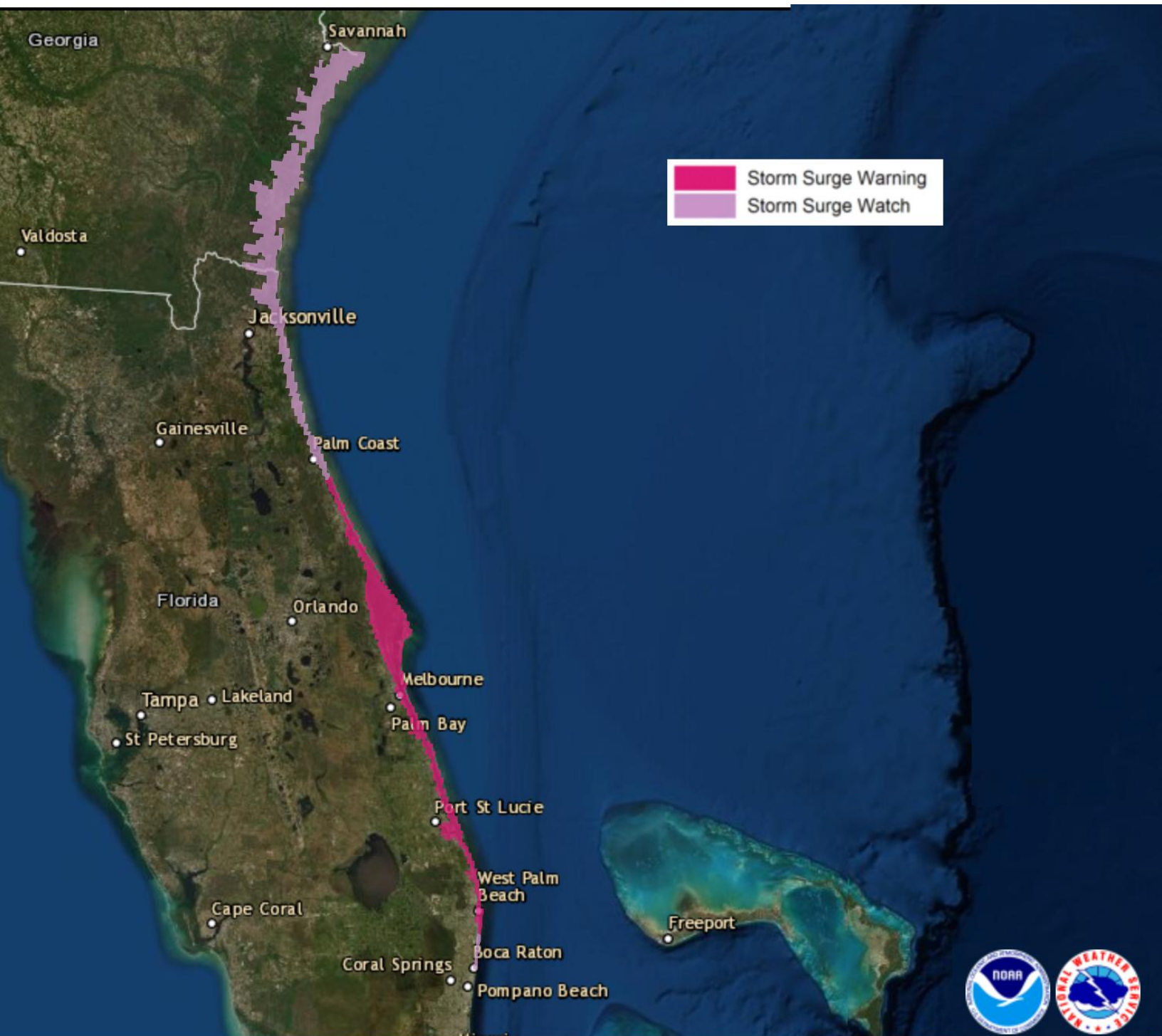
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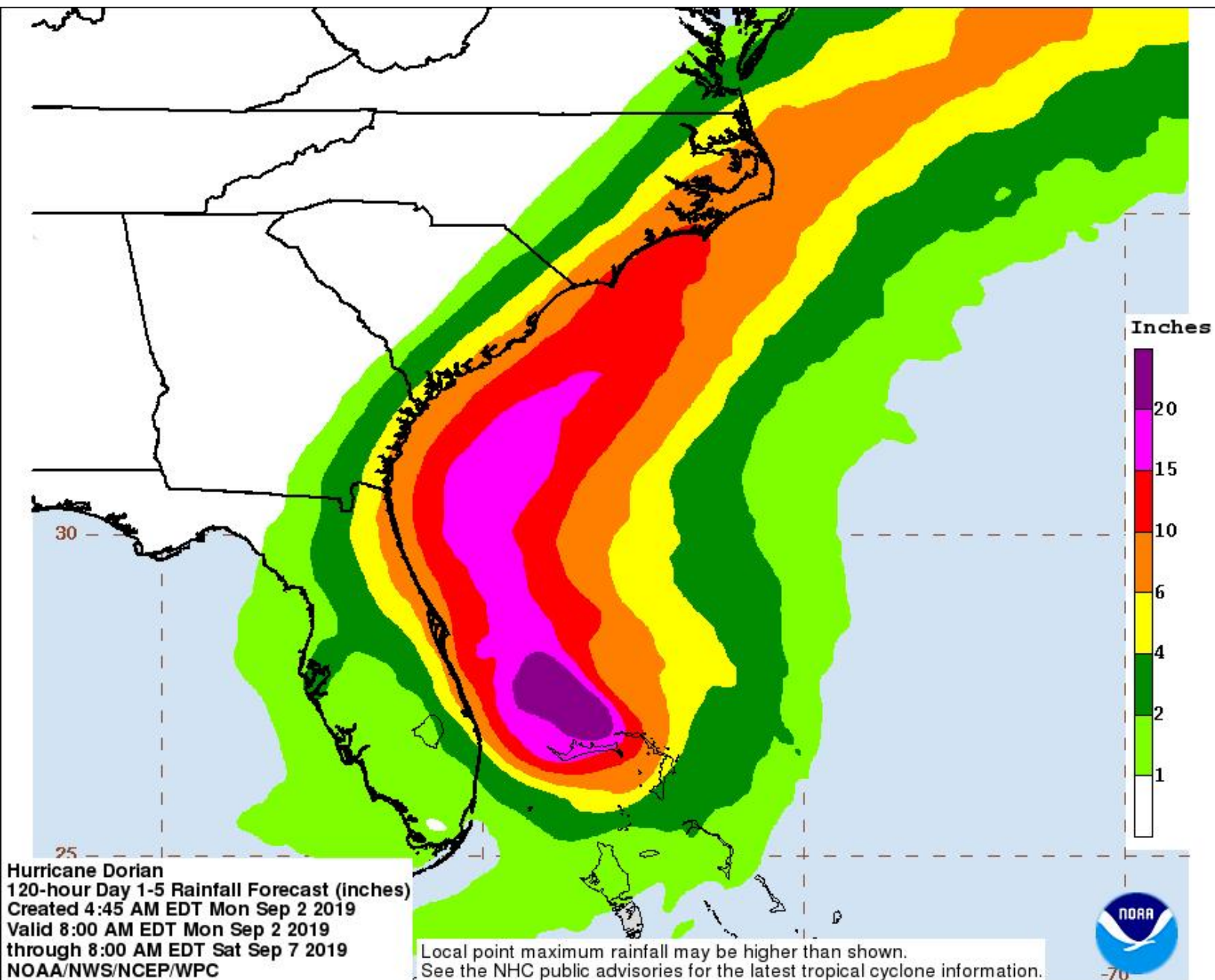
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For more information go to hurricanes.gov





From: American Meteorological Society
Sent: Monday, September 2, 2019 8:06 AM
To: mary.erickson@noaa.gov
Subject: Open Forum Digest for Monday September 2, 2019



[Open Forum](#)

[Post New Message](#)

Sep 1, 2019

Discussions

started 3 days ago, [Daniel Wing-Lin Chan](#) (1 reply)

[Dorian Path Prediction](#)



1. [Regarding your "why" question, there are 3 main...](#) John Shewchuk

1. [Re: Dorian Path Prediction](#)

[Reply to Group](#)

[Reply to Sender](#)



Sep 1, 2019 5:23 PM

[John Shewchuk](#)

Regarding your "why" question, there are 3 main reasons...

- 1 - insufficient data initialization.
- 2 - incomplete knowledge of tropical cyclone meteorology.
- 3 - modelers use different fudge factors to remedy 1 & 2.

John Shewchuk, CCM

Eosonde Research Services, LLC.
www.raob.com

[Reply to Group Online](#) [View Thread](#) [Recommend](#) [Forward](#)
[Flag as Inappropriate](#)

Original Message:

Sent: 08-29-2019 08:40

From: Daniel Wing-Lin Chan

Subject: Dorian Path Prediction

The predicted path of hurricane Dorian seemed to be all over the place.

From this site, I can see model outputs from both GFS and ECMWF.

[Numerical Weather Prediction Maps | MeteoCentre.com](#)
meteocentre.com/numerical-weather-prediction

Two days ago, when I looked at GFS. Dorian dissipated before reaching Florida. Then, GFS said that Dorian will barrow down near Jacksonville area, but ECMWF was putting Dorian's path more to the south, making landfall near Daytona Beach Area. DWD-ICON (German weather model) even put Dorian to Miami.

It seemed to be a lot of discrepancies between runs for GFS and between models. Any insights as to why? or as forecasters, how should we convey such uncertainties, other than withholding the details as the forecasts are still too far out?

Dan Chan
Dunwoody GA

You are subscribed to "Open Forum" as mary.erickson@noaa.gov. To change your subscriptions, go to [Community Notifications](#) in your AMS Community profile. To unsubscribe from email updates for this community discussion, go to [Unsubscribe](#).

Alexandra Hines - NOAA Affiliate

From: Alexandra Hines - NOAA Affiliate
Sent: Thursday, September 5, 2019 10:11 AM
To: John Bateman - NOAA Federal
Subject: Re: dorian mp4

Sounds good! Can I use this GIF around noon too?

Alix Hines
Science Writer and Social Media Specialist (IMSG)
NOAA's Satellite and Information Service
Cell: (b)(6)

On Thu, Sep 5, 2019 at 10:10 AM John Bateman - NOAA Federal <john.jones-bateman@noaa.gov> wrote:
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Let me double check with John L first!

John

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Do you have anything else you'd like to go up today?

Sept. 5, 2019

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Sept. 4, 2019

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--

John Bateman
Public Affairs Officer
NOAA Satellite and Information Service
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Desk: (301) 713-9604



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John Bateman - NOAA Federal

From: John Bateman - NOAA Federal
Sent: Thursday, September 5, 2019 10:18 AM
To: Alexandra Hines - NOAA Affiliate
Subject: Re: dorian mp4

Great! We won;t retweet it because it's huuuuge! But we'd love it in the gallery--thanks!

John

On Thu, Sep 5, 2019 at 10:16 AM Alexandra Hines - NOAA Affiliate <alexandra.hines@noaa.gov> wrote:
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NOAA's Satellite and Information Service

Cell: (b)(6)

On Thu, Sep 5, 2019 at 9:53 AM John Bateman - NOAA Federal <john.jones-bateman@noaa.gov> wrote:

--

John Bateman

Public Affairs Officer

NOAA Satellite and Information Service

Follow us on Twitter: @NOAASatellitePA

Cell: (b)(6)

Desk: (301) 713-9604



--

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Public Affairs Officer

NOAA Satellite and Information Service

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--

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--

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Pat Simms - NOAA Federal

From: Pat Simms - NOAA Federal
Sent: Sunday, September 8, 2019 7:39 PM
To: kevin.oconnell@noaa.gov; taylor.jordan@noaa.gov
Subject: [Phone] Kevin O'Connell and Dr. Neil Jacobs

Good Evening Kevin,

Please accept my sincere apologies for interrupting your weekend.
Unfortunately, I received word that we need to reschedule your meeting with Dr Jacobs again. Hurricane Dorian issues won't go away. Again I'm sorry for the multiple calendar changes.

I will reach out to Mary Cull tomorrow morning and find another date; hopefully this week.

Regards
Pat

Sent from my iPhone
Pat Simms
Executive Assistant to NOAA Administrator

(b)(6)

Julie Roberts - NOAA Federal

From: Julie Roberts - NOAA Federal
Sent: Sunday, September 1, 2019 11:02 AM
To: Michael Silah - NOAA Federal
Subject: Fairweather KDK Briefing

Expect to see the KDK briefing on Fairweather shifted to September 12. Mike Walsh and Earl are both out this week and Neil and I are dealing with Dorian so he is not available.

Kindest regards,
Julie Kay Roberts, CEM
Deputy Chief of Staff
National Oceanic and Atmospheric Administration

“You can tell a lot about a fellow’s character by his way of eating jelly beans.” President Ronald Reagan

From: Robert Nadeau - NOAA Federal
Sent: Sunday, September 1, 2019 11:33 AM
To: Robert Nadeau
Bcc: dorian.private.sector.comms@noaa.gov
Subject: Fwd: Hurricane Dorian #33

11 AM update from the NHC. Please note the watches and warnings for the coast.

Thanks

Bob

----- Forwarded message -----

Date: Sun, Sep 1, 2019 at 11:14 AM

Subject: Hurricane Dorian #33

...DORIAN BECOMES THE STRONGEST HURRICANE IN MODERN RECORDS FOR THE NORTHWESTERN BAHAMAS...

At 11am EDT, Hurricane Dorian was located 205 miles east of West Palm Beach, FL with maximum sustained winds of 180 mph and a minimum central pressure of 913 mb.

Dorian is moving toward the west near 7 mph. A slower westward motion should continue for the next day or two, followed by a gradual turn toward the northwest. On this track, Hurricane Dorian will continue to move over Great Abaco and move near or over Grand Bahama Island later tonight and Monday. **The Hurricane should move closer to the Florida east coast late Monday through Tuesday night.**

Dorian is an extremely dangerous category 5 Hurricane. Some fluctuations in intensity are likely, but Dorian is expected to remain a powerful Hurricane during the next few days.

Key Messages

- Life-threatening storm surge and dangerous hurricane-force winds are possible along portions of the Florida east coast through mid-week, as only a slight deviation to the left of the official forecast would bring the core of Dorian near or over the coast.
- There is an increasing likelihood of strong winds and dangerous storm surge along the coasts of Georgia, South Carolina, and North Carolina later this week.
- Heavy rains, capable of producing life-threatening flash floods, are possible over coastal sections of the southeast and lower mid-Atlantic regions of the United States through late this week.

Storm Surge Watch

* North of Deerfield Beach to the Volusia/Brevard County Line

Tropical Storm Warning

* North of Deerfield Beach to Sebastian Inlet

Hurricane Watch

* North of Deerfield Beach to the Volusia/Brevard County Line

Tropical Storm Watch

* North of Golden Beach to Deerfield Beach

* Lake Okeechobee

Storm Surge - Heights above ground

* Volusia/Brevard County Line to Jupiter Inlet FL - 4 to 7 ft

* North of Deerfield Beach to Jupiter Inlet FL - 2 to 4 ft

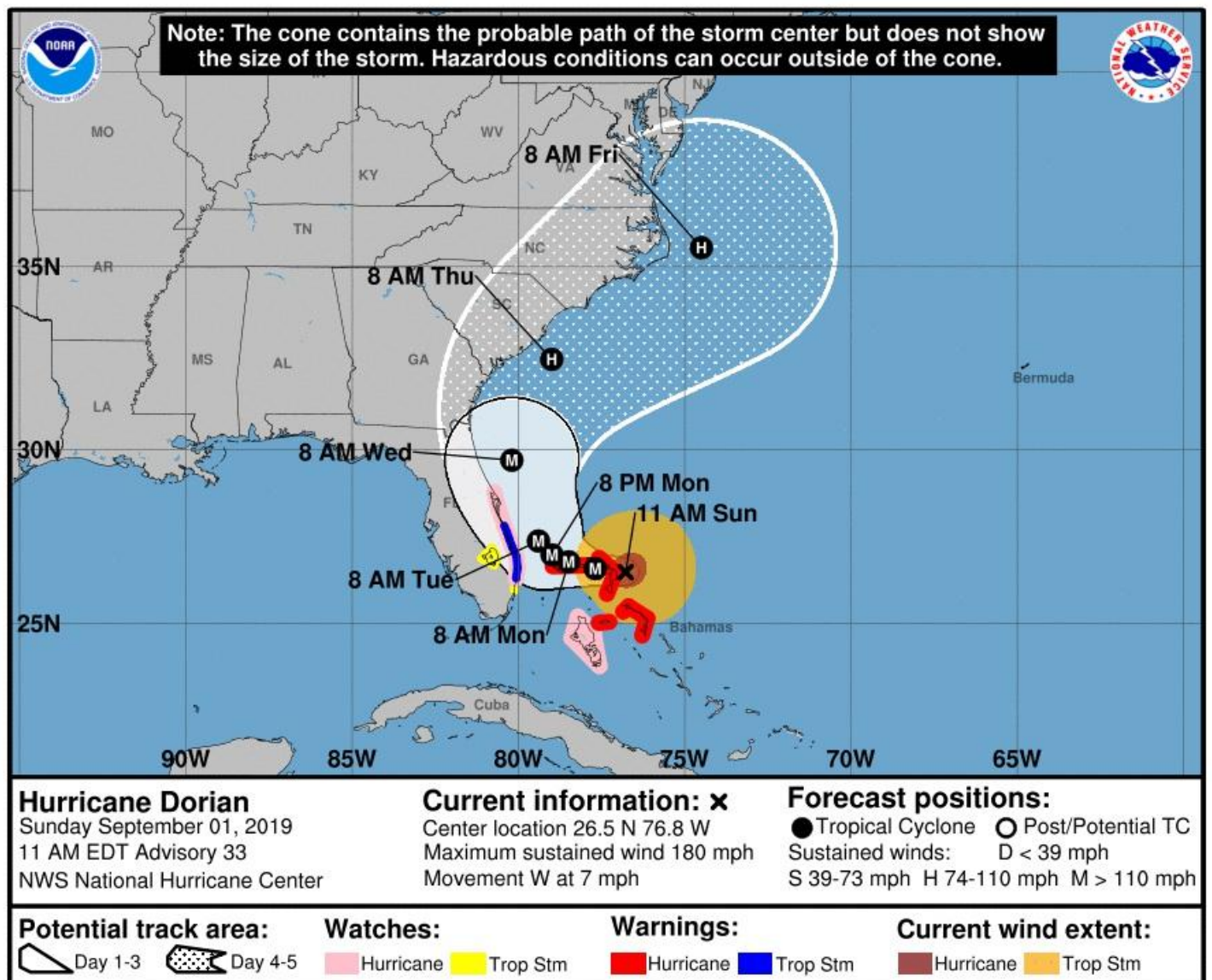
Rainfall

* Coastal Carolinas...5 to 10 inches, isolated 15 inches.

* Atlantic Coast from the Florida peninsula through Georgia...2 to 4 inches, isolated 6 inches.

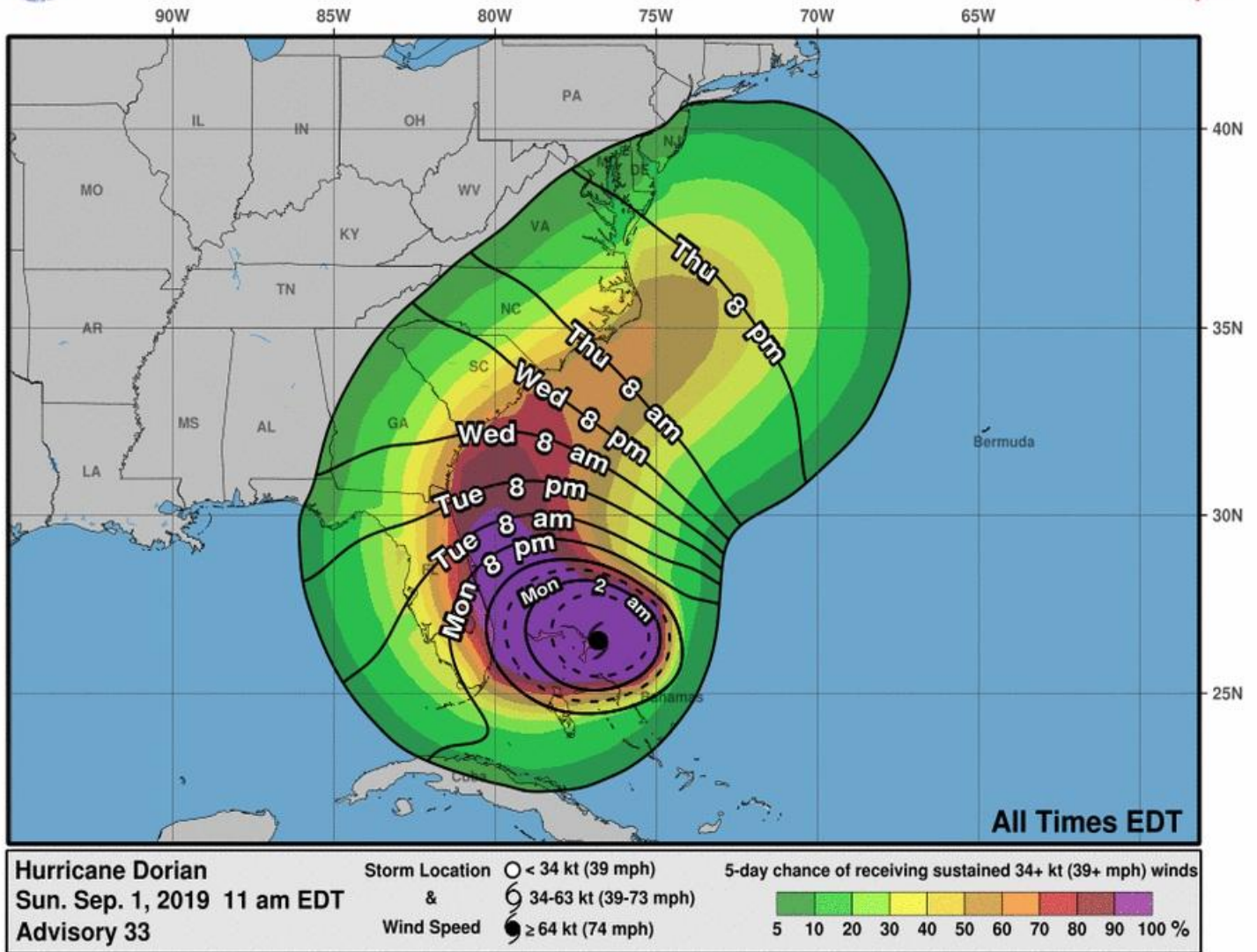
Hurricane Wind Probabilities

Cape Hatteras, NC 18%





Most Likely Arrival Time of Tropical-Storm-Force Winds



HIT@fema.dhs.gov

000
WTNT35 KNHC 011456
TCPAT5

BULLETIN
Hurricane Dorian Advisory Number 33
NWS National Hurricane Center Miami FL AL052019
1100 AM EDT Sun Sep 01 2019

...DORIAN BECOMES THE STRONGEST HURRICANE IN MODERN RECORDS FOR
THE NORTHWESTERN BAHAMAS.
...CATASTROPHIC CONDITIONS OCCURING IN THE ABACOS ISLANDS...

SUMMARY OF 1100 AM EDT...1500 UTC...INFORMATION

LOCATION...26.5N 76.8W
ABOUT 20 MI...30 KM ENE OF GREAT ABACO ISLAND
ABOUT 205 MI...330 KM E OF WEST PALM BEACH FLORIDA
MAXIMUM SUSTAINED WINDS...180 MPH...285 KM/H
PRESENT MOVEMENT...W OR 270 DEGREES AT 7 MPH...11 KM/H
MINIMUM CENTRAL PRESSURE...913 MB...26.96 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

A Hurricane Watch has been issued for the east coast of Florida from north of Deerfield Beach to the Volusia/Brevard County Line.

A Storm Surge Watch has also been issued from north of Deerfield Beach to the Volusia/Brevard County Line.

A Tropical Storm Watch has been issued for Lake Okeechobee.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Watch is in effect for...

- * North of Deerfield Beach to the Volusia/Brevard County Line

A Hurricane Warning is in effect for...

- * Northwestern Bahamas excluding Andros Island

A Hurricane Watch is in effect for...

- * Andros Island
- * North of Deerfield Beach to the Volusia/Brevard County Line

A Tropical Storm Warning is in effect for...

- * North of Deerfield Beach to Sebastian Inlet

A Tropical Storm Watch is in effect for...

- * North of Golden Beach to Deerfield Beach
- * Lake Okeechobee

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations during the next 48 hours. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at [hurricanes.gov](https://www.weather.gov/hurricanes.gov).

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area. Preparations to protect life and property should be rushed to completion.

A Hurricane Watch means that hurricane conditions are possible within the watch area. A watch is typically issued 48 hours before the anticipated first occurrence of tropical-storm-force winds, conditions that make outside preparations difficult or dangerous.

A Tropical Storm Warning means that tropical storm conditions are expected within the warning area within 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, generally within 48 hours.

Interests elsewhere along the east coast of Florida should continue to monitor the progress of Dorian, as additional watches or warnings may be required later today.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside of the United States, please monitor products issued by your national meteorological service.

DISCUSSION AND OUTLOOK

At 1100 AM EDT (1500 UTC), the extremely distinct eye of Hurricane Dorian was located near latitude 26.5 North, longitude 76.8 West. Dorian is moving toward the west near 7 mph (11 km/h). A slower westward motion should continue for the next day or two, followed by a gradual turn toward the northwest. On this track, the core of

extremely dangerous Hurricane Dorian will continue to move over Great Abaco and move near or over Grand Bahama Island later tonight and Monday. The hurricane should move closer to the Florida east coast late Monday through Tuesday night.

Maximum sustained winds have increased to near 180 mph (285 km/h) with higher gusts. Dorian is a extremely dangerous category 5 hurricane on the Saffir-Simpson Hurricane Wind Scale. Some fluctuations in intensity are likely, but Dorian is expected to remain a powerful hurricane during the next few days.

Dorian has grown larger in size. Hurricane-force winds extend outward up to 45 miles (75 km) from the center and tropical-storm-force winds extend outward up to 140 miles (220 km). Ham radio reports indicate that Hope Town in the Abacos just reported wind gust to 100 mph.

The minimum central pressure measured by both NOAA and Air Force reconnaissance plane was 913 mb (26.96 inches).

HAZARDS AFFECTING LAND

WIND: Catastrophic hurricane conditions are occurring in the Abacos Islands and will spread across Grand Bahama Island later today and tonight.

Hurricane conditions are possible within the hurricane watch area in Florida by late Monday or early Tuesday.

Tropical storm conditions are expected within the tropical storm warning area on Monday and Tuesday.

Tropical storm conditions are possible within the tropical storm watch area by Monday night.

STORM SURGE: A life-threatening storm surge will raise water levels by as much as 18 to 23 feet above normal tide levels in areas of onshore winds on the Abaco Islands and Grand Bahama Island. Near the coast, the surge will be accompanied by large and destructive waves.

The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Volusia/Brevard County Line to Jupiter Inlet FL...4 to 7 ft
North of Deerfield Beach to Jupiter Inlet FL...2 to 4 ft

The surge will be accompanied by large and destructive waves. Surge-related flooding depends on the how close the center of Dorian comes to the Florida east coast, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

RAINFALL: Dorian is expected to produce the following rainfall totals through late this week:

Northwestern Bahamas...12 to 24 inches, isolated 30 inches.
Coastal Carolinas...5 to 10 inches, isolated 15 inches.
Central Bahamas and the Atlantic Coast from the Florida peninsula through Georgia...2 to 4 inches, isolated 6 inches.

This rainfall may cause life-threatening flash floods.

SURF: Large swells are already affecting east-facing shores of the Bahamas, the Florida east coast, and will spread northward along the southeastern United States coast during the next few days. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

NEXT ADVISORY

Next intermediate advisory at 200 PM EDT.
Next complete advisory at 500 PM EDT.

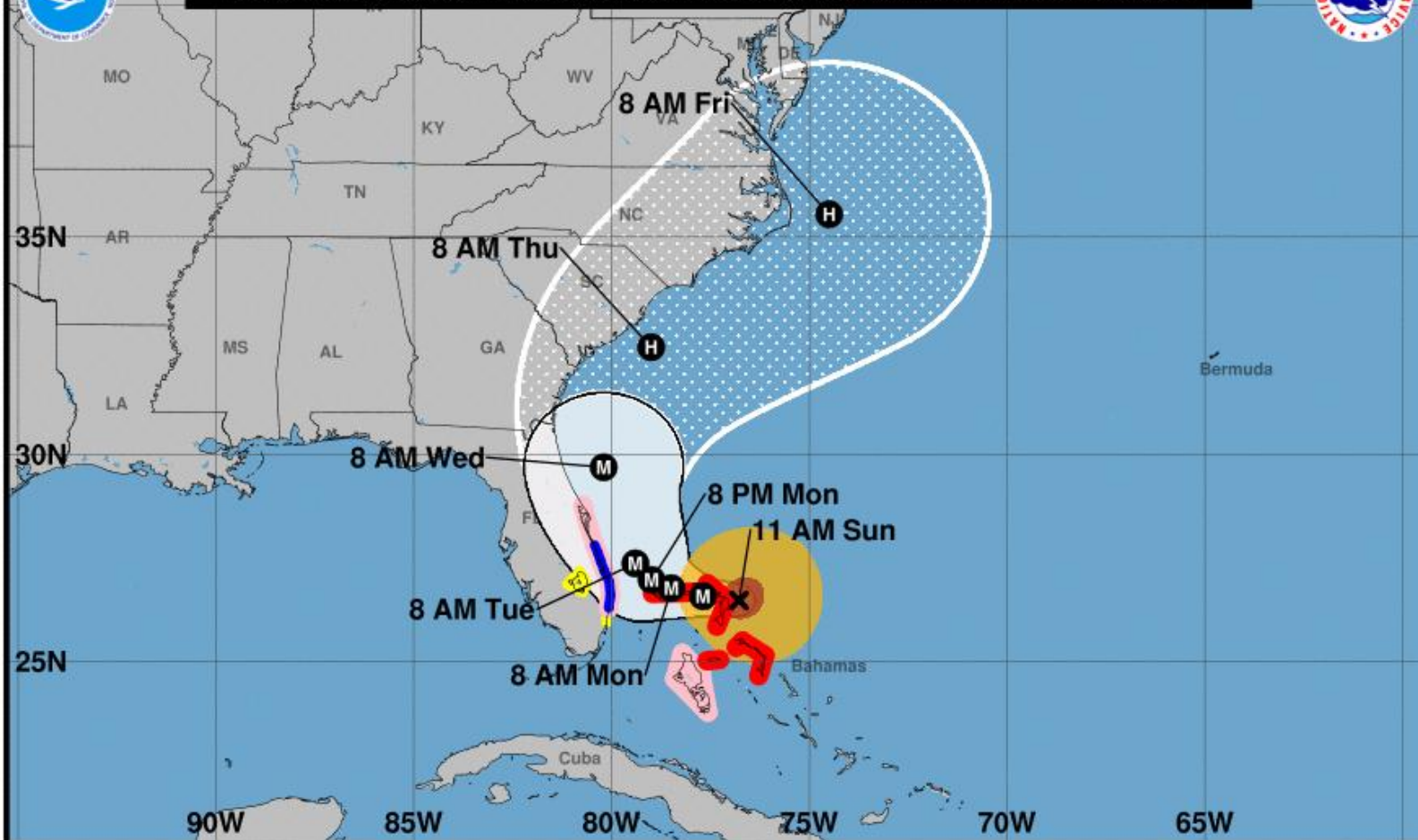
\$\$
Forecaster Avila

--
Robert Nadeau
Director of External Affairs
National Oceanic and Atmospheric Administration (NOAA)
(D) 202-482-4456
(C) (b)(6)
robert.nadeau@noaa.gov

1401 Constitution Ave NW
Room 60028
Washington, DC 20230



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Hurricane Dorian

Sunday September 01, 2019
11 AM EDT Advisory 33
NWS National Hurricane Center

Current information: x

Center location 26.5 N 76.8 W
Maximum sustained wind 180 mph
Movement W at 7 mph

Forecast positions:

● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area:

Day 1-3 Day 4-5

Watches:

Hurricane Trop Stm

Warnings:

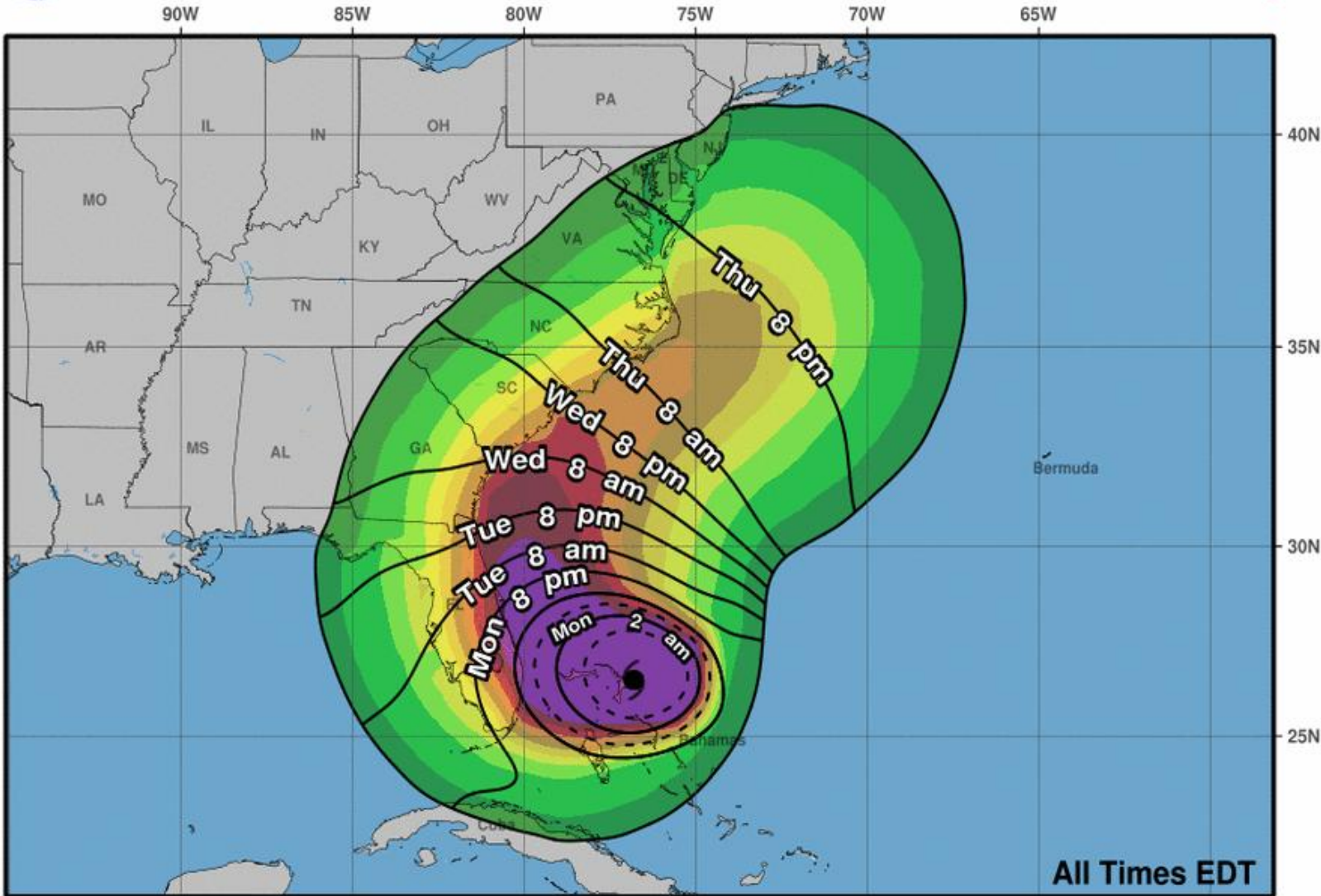
Hurricane Trop Stm

Current wind extent:

Hurricane Trop Stm



Most Likely Arrival Time of Tropical-Storm-Force Winds



Hurricane Dorian
Sun. Sep. 1, 2019 11 am EDT
Advisory 33

Storm Location & Wind Speed

- < 34 kt (39 mph)
- 34-63 kt (39-73 mph)
- ≥ 64 kt (74 mph)

5-day chance of receiving sustained 34+ kt (39+ mph) winds

5 10 20 30 40 50 60 70 80 90 100 %

Michael Silah

From: Michael Silah
Sent: Sunday, September 1, 2019 11:43 AM
To: Julie Roberts - NOAA Federal
Subject: Re: Fairweather KDK Briefing

Yes. We'll work w/Pat. Good call.

RADM Michael J. Silah
Director, NOAA Corps and
Office of Marine and Aviation Operations
8403 Colesville Road, Suite 500
Silver Spring, MD 20910
301-713-7600 (w)
(b)(6) (m)

On Sep 1, 2019, at 11:29 AM, Julie Roberts - NOAA Federal <julie.roberts@noaa.gov> wrote:

Let's go ahead and plan on rescheduling. Could you work with Pat on a date the following week if that works for you? For situational awareness Neil is scheduled to fly to Hawaii on Friday September 13 through the next week.

Kindest regards,
Julie Kay Roberts, CEM
Deputy Chief of Staff
National Oceanic and Atmospheric Administration

"You can tell a lot about a fellow's character by his way of eating jelly beans." President Ronald Reagan

From: Michael Silah <michael.silah@noaa.gov>
Sent: Sunday, September 1, 2019 11:27 AM
To: Julie Roberts - NOAA Federal <julie.roberts@noaa.gov>
Subject: Re: Fairweather KDK Briefing

Understood. We're also ready to postpone the promotion ceremony.

RADM Michael J. Silah
Director, NOAA Corps and
Office of Marine and Aviation Operations
8403 Colesville Road, Suite 500
Silver Spring, MD 20910
301-713-7600 (w)
(b)(6) (m)

On Sep 1, 2019, at 11:02 AM, Julie Roberts - NOAA Federal <julie.roberts@noaa.gov> wrote:

Expect to see the KDK briefing on Fairweather shifted to September 12. Mike Walsh

and Earl are both out this week and Neil and I are dealing with Dorian so he is not available.

Kindest regards,
Julie Kay Roberts, CEM
Deputy Chief of Staff
National Oceanic and Atmospheric Administration

“You can tell a lot about a fellow’s character by his way of eating jelly beans.” President Ronald Reagan

From: Julie Roberts - NOAA Federal
Sent: Sunday, September 1, 2019 11:13 PM
To: Julie Roberts - NOAA Federal
Subject: FW: Tropical Report - Catastrophic Category 5 Dorian Makes Landfall On The Eastern End Of Grand Bahama Island

The NHC 11pm Advisory is below. With this update a Hurricane Watch has been extended northward from the Flagler/Volusia County Line to the mouth of the St. Mary's River. A Storm Surge watch has also been extended northward from the Flagler/Volusia County Line to the mouth of the St. Mary's River. Hurricane Dorian is a strong Category 5 storm that is expected to approach the East Coast of Florida Monday night into Tuesday morning.

If you have any question you can contact me at (b)(6)

Kindest regards,
Julie Kay Roberts, CEM
Deputy Chief of Staff
National Oceanic and Atmospheric Administration

"You can tell a lot about a fellow's character by his way of eating jelly beans." President Ronald Reagan



NWS Operations Center

Catastrophic Category 5 Dorian Makes Landfall On The Eastern End Of Grand Bahama Island

Hurricane Dorian Forecast Information

SUMMARY OF 1100 PM EDT...0300 UTC...INFORMATION

LOCATION...26.6N 77.9W
ABOUT 55 MI...90 KM E OF FREEPORT GRAND BAHAMA ISLAND
ABOUT 135 MI...220 KM E OF WEST PALM BEACH FLORIDA
MAXIMUM SUSTAINED WINDS...180 MPH...285 KM/H
PRESENT MOVEMENT...W OR 275 DEGREES AT 6 MPH...9 KM/H
MINIMUM CENTRAL PRESSURE...914 MB...26.99 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

A Hurricane Watch has been extended northward from the Flagler/Volusia County Line to the Mouth of the St. Mary's River.

A Storm Surge Watch has also been extended northward from the Flagler/Volusia County Line to the Mouth of the St. Mary's River.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

- * Lantana to the Volusia/Brevard County Line

A Storm Surge Watch is in effect for...

- * North of Deerfield Beach to Lantana
- * Volusia/Brevard County Line to the Mouth of the St. Mary's River

A Hurricane Warning is in effect for...

- * Northwestern Bahamas excluding Andros Island
- * Jupiter Inlet to the Volusia/Brevard County Line

A Hurricane Watch is in effect for...

- * Andros Island
- * North of Deerfield Beach to Jupiter Inlet
- * Volusia/Brevard County Line to the Mouth of the St. Mary's River

A Tropical Storm Warning is in effect for...

- * North of Deerfield Beach to Jupiter Inlet

A Tropical Storm Watch is in effect for...

* North of Golden Beach to Deerfield Beach

* Lake Okeechobee

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, during the next 36 hours in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations during the next 48 hours.

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area. Preparations to protect life and property should be rushed to completion.

A Hurricane Watch means that hurricane conditions are possible within the watch area. A watch is typically issued 48 hours before the anticipated first occurrence of tropical-storm-force winds, conditions that make outside preparations difficult or dangerous.

A Tropical Storm Warning means that tropical storm conditions are expected within the warning area within 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, generally within 48 hours.

Interests elsewhere along the east coast of Florida should continue to monitor the progress of Dorian, as additional watches or warnings may be required later today.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside of the United States, please monitor products issued by your national meteorological service.

DISCUSSION AND OUTLOOK

At 1100 PM EDT (0300 UTC), the center of Hurricane Dorian was located near latitude 26.6 North, longitude 77.9 West. Dorian is moving toward the west near 6 mph (9 km/h). A slower westward to west-northwestward motion is forecast during the next day or so, followed by a gradual turn toward the northwest. On this track, the core of extremely dangerous Hurricane Dorian will continue to pound Great Abaco and Grand Bahama islands overnight and through much of Monday. The hurricane will move dangerously close to the Florida east coast late Monday through Tuesday night.

Maximum sustained winds are near 180 mph (285 km/h) with higher gusts. Dorian is a category 5 hurricane on the Saffir-Simpson Hurricane Wind Scale. Slow weakening is forecast, but fluctuations in intensity could occur couple of days. Regardless, Dorian is expected to remain a powerful hurricane during the next few days.

Hurricane-force winds extend outward up to 45 miles (75 km) from the center and tropical-storm-force winds extend outward up to 140 miles (220 km).

The estimated minimum central pressure is 914 mb (26.99 inches).

HAZARDS AFFECTING LAND

WIND: Catastrophic hurricane conditions continue in the Abacos and Grand Bahama Islands. Do not venture out into the eye, as winds will suddenly increase as the eye passes.

Hurricane conditions are expected within the hurricane warning area in Florida by late Monday or Tuesday.

Tropical storm conditions are expected within the tropical storm warning area on Monday and Tuesday and are possible in the tropical storm watch area by Monday night.

STORM SURGE: A life-threatening storm surge will raise water levels by as much as 18 to 23 feet above normal tide levels in areas of onshore winds on the Abaco Islands and Grand Bahama Island. Near the coast, the surge will be accompanied by large and destructive waves.

The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Lantana to the Mouth of the St. Mary's River...4 to 7 ft
North of Deerfield Beach to Lantana FL...2 to 4 ft

The surge will be accompanied by large and destructive waves. Surge-related flooding depends on how close the center of Dorian comes to the Florida east coast, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

RAINFALL: Dorian is expected to produce the following rainfall totals through late this week:

Northwestern Bahamas...12 to 24 inches, isolated 30 inches.
Coastal Carolinas...5 to 10 inches, isolated 15 inches.
The Atlantic Coast from the Florida peninsula through Georgia...3 to 6 inches, isolated 9 inches.
Southeastern Virginia...2 to 4 inches, isolated 6 inches.
Central Bahamas...2 to 4 inches, isolated 6 inches.

This rainfall may cause life-threatening flash floods.

SURF: Large swells are affecting east-facing shores of the Bahamas and the Florida east coast, and will spread northward along the southeastern United States coast during the next few days. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

NEXT ADVISORY

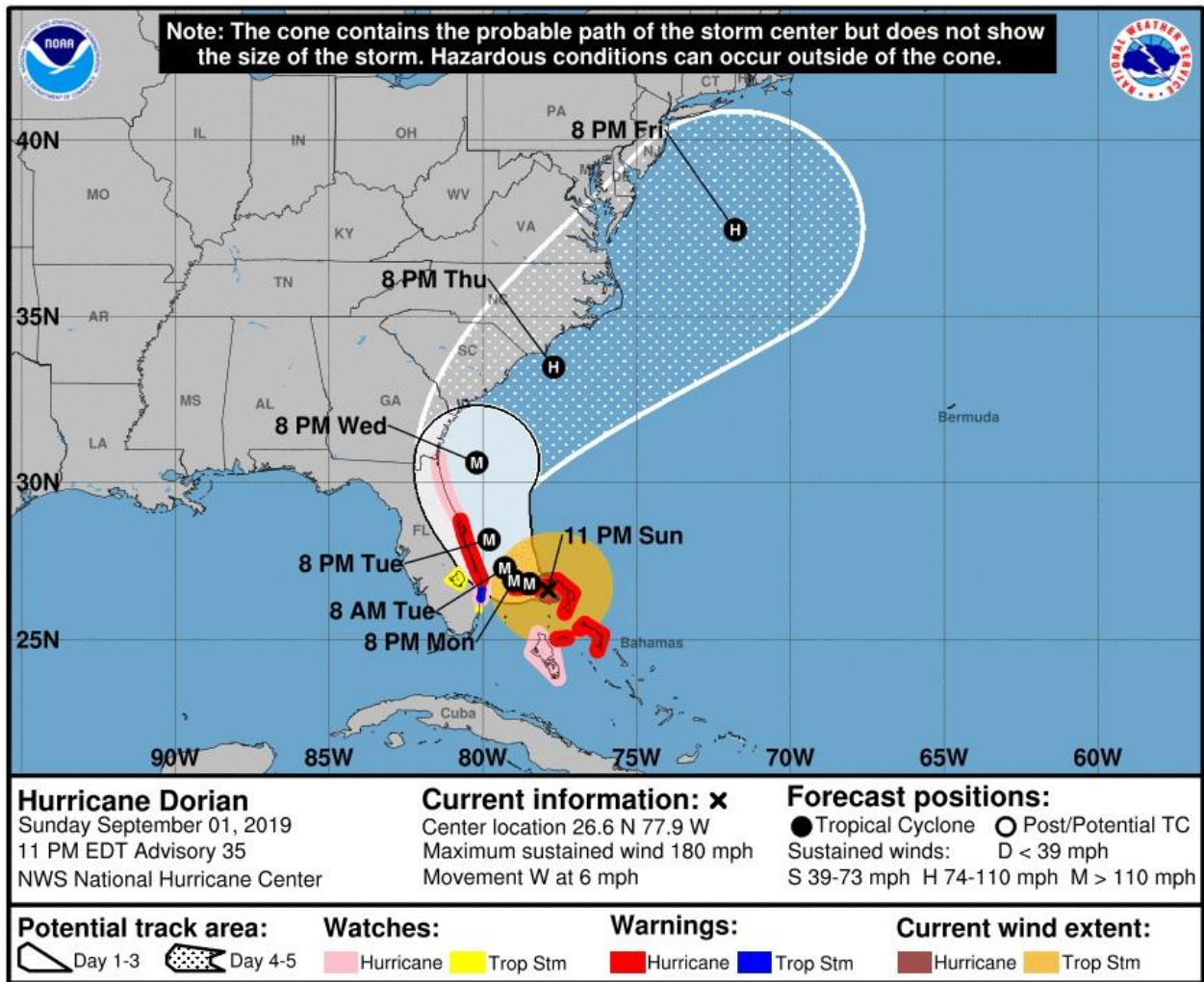
Next complete advisory at 500 AM EDT.

NOAA Links

- [NWS National Hurricane Center](#)
- [NOAA Quicklook for Dorian](#)
- [NOAA GOES Satellite Loop - Dorian](#)

NOAA Graphics

Forecast Track for Dorian



For the latest information on current tropical systems, please visit the NOAA/NWS [National Hurricane Center](https://www.nhc.noaa.gov/)



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Hurricane Dorian

Sunday September 01, 2019

11 PM EDT Advisory 35

NWS National Hurricane Center

Current information: x

Center location 26.6 N 77.9 W

Maximum sustained wind 180 mph

Movement W at 6 mph

Forecast positions:

● Tropical Cyclone ○ Post/Potential TC

Sustained winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110 mph

Potential track area:

Day 1-3 Day 4-5

Watches:

Hurricane Trop Stm

Warnings:

Hurricane Trop Stm

Current wind extent:

Hurricane Trop Stm



NWS Operations Center

Mary Erickson - NOAA Federal

From: Mary Erickson - NOAA Federal
Sent: Friday, September 6, 2019 12:28 PM
To: george.jungbluth@noaa.gov
Subject: Fwd: Birmingham, Alabama's National Weather Service Tweet contradicting NOAA'S graphics

We'll need to forward - but want to discuss.

Sent from my iPhone
Mary Erickson
NOAA DAA for Wx Services
(b)(6) (Cell)

Begin forwarded message:

From: Kathleen Ford <(b)(6)>
Date: September 6, 2019 at 11:56:46 AM EDT
To: mary.erickson@noaa.gov
Cc: Paul.Dellegatto@foxtv.com
Subject: Birmingham, Alabama's National Weather Service Tweet contradicting NOAA'S graphics

Dear Ms. Erickson,

It appears Birmingham National Weather Service's September 1, 2019 tweet "Alabama will NOT see any impacts from #Dorian. We repeat, no impacts from Hurricane #Dorian will be felt across Alabama. The system will remain too far east" contradicted NOAA's graphics at that time which showed a chance that Alabama would experience tropical storm force winds.

Earlier advisories (Advisory 21, for example) showed a significant portion of the State of Alabama in NOAA's "Earliest Reasonable Arrival of Tropical Storm Force Winds" graphic, which probably factored into the Alabama Governor's activation of the Alabama National Guard on August 30, 2019 where it described in its tweet August 30, 2019 at 10:11 AM "#HurricaneDorian is projected to reach southern Alabama by the early part of the week. We are watching closely and #ready to act. Are you?"

National Hurricane Center Advisories #32 to #39 from Sept 1, 2019 at 5:00pm EST to September 2, 2019 at 5:00 pm EST, posted on the National Hurricane/ NOAA's website, are accompanied with graphics clearly showing the southeastern part of the State of Alabama in the graphics for the "Earliest Reasonable Arrival time of Tropical-Storm-Force Winds". The 5 day chance was low, nonetheless, it was still a risk.

As a consequence of the Birmingham Weather Service's tweet which conflicted with NOAA's graphics we have witnessed over 5days of hysterical media stories criticizing President Trump for his statement that Hurricane Dorian could hit Alabama.

After preparing for 4 hurricanes in 6 weeks in 2004, then seeing the utter devastation in Punta Gorda after Hurricane Charlie hit, I understand and appreciate why NOAA and NHC are trying to get the public to focus beyond just the cone and not just on the line in the cone. I believe that is why NOAA's cone graphic states at the top "The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone." I also believe that is why President Trump's advisors advised him to focus beyond the cone to the larger areas described in NOAA's other graphics.

We are still in the middle of Hurricane season and Birmingham has created a real problem, in my opinion, by undermining the President as he tries to prepare the potentially impacted public for future storms. Like it or not, President Trump has a much larger media following than the main stream media which has been lying to the public for the last three years about President Trump colluding with the Russians.

Since NOAA's graphics showed part of Alabama still in the wind graphics, Birmingham Weather Service #alws' September 1 tweet seemed politically motivated. Moreover, ALWX missed an opportunity to educate the public about over-reliance on the hurricane cone, the uncertainty of the path and the potential for harm outside the "cone". This needs to be publically addressed from the top of your organization, in my opinion. Weather tweets should not be politically motivated and ALWX's tweets seemed to me to be just that.

Sincerely,

--

Kathleen Sweeney Ford

[REDACTED]
[REDACTED]
[REDACTED]
(b)(6)

From: Julie Roberts - NOAA Federal
Sent: Monday, September 2, 2019 5:10 PM
To: Julie Roberts - NOAA Federal
Subject: 5 pm Tropical Report - Eye of Dorian Moving Little while the Hurricane Continues to Pound Grand Bahama Island

The NHC 5pm Advisory is below. Hurricane Dorian sustained winds of 145 mph. Changes in watches and warnings with this advisory include:

- The Storm Surge Warning has been extended northward to Altamaha Sound Georgia.
- The Hurricane Warning has been extended northward to Ponte Vedra Beach Florida.
- The Storm Surge Watch and Hurricane Watch have been extended northward to South Santee River South Carolina.

This advisory includes the IDSS support by NOAA/NWS for Hurricane Dorian. The next full advisory will be issued at 11pm. If you have any questions do not hesitate to contact me (b)(6)

Kindest regards,
Julie Kay Roberts, CEM
Deputy Chief of Staff
National Oceanic and Atmospheric Administration

"You can tell a lot about a fellow's character by his way of eating jelly beans." President Ronald Reagan



Eye of Dorian Moving Little while the Hurricane Continues to Pound Grand Bahama Island

Hurricane Dorian Forecast Information

SUMMARY OF 500 PM EDT...2100 UTC...INFORMATION

LOCATION...26.8N 78.4W
ABOUT 25 MI...40 KM NE OF FREEPORT GRAND BAHAMA ISLAND
ABOUT 105 MI...170 KM E OF WEST PALM BEACH FLORIDA
MAXIMUM SUSTAINED WINDS...145 MPH...230 KM/H
PRESENT MOVEMENT...STATIONARY
MINIMUM CENTRAL PRESSURE...940 MB...27.76 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Storm Surge Warning has been extended northward to Altamaha Sound Georgia.

The Hurricane Warning has been extended northward to Ponte Vedra Beach Florida.

The Storm Surge Watch and Hurricane Watch have been extended northward to South Santee River South Carolina.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

- * Lantana to Altamaha Sound

A Storm Surge Watch is in effect for...

- * North of Deerfield Beach to south of Lantana
- * Altamaha Sound to South Santee River

A Hurricane Warning is in effect for...

- * Grand Bahama and the Abacos Islands in the northwestern Bahamas
- * Jupiter Inlet to Ponte Vedra Beach

A Hurricane Watch is in effect for...

- * North of Deerfield Beach to Jupiter Inlet
- * North of Ponte Vedra Beach to South Santee River

A Tropical Storm Warning is in effect for...

- * North of Deerfield Beach to Jupiter Inlet

A Tropical Storm Watch is in effect for...

- * North of Golden Beach to Deerfield Beach
- * Lake Okeechobee

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, during the next 36 hours in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations during the next 48 hours.

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area. Preparations to protect life and property should be rushed to completion.

A Hurricane Watch means that hurricane conditions are possible within the watch area. A watch is typically issued 48 hours before the anticipated first occurrence of tropical-storm-force winds, conditions that make outside preparations difficult or dangerous.

A Tropical Storm Warning means that tropical storm conditions are expected within the warning area within 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, generally within 48 hours.

Interests elsewhere along the coast of the Southeast and Mid-Atlantic coast of the United States should continue to monitor the progress of Dorian, as additional watches may be required tonight and Tuesday.

For storm information specific to your area in the United States, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office. For storm information specific to your area outside of the United States, please monitor products issued by your national meteorological service.

DISCUSSION AND OUTLOOK

At 500 PM EDT (2100 UTC), the eye of Hurricane Dorian was located near latitude 26.8 North, longitude 78.4 West. Dorian has become nearly stationary this afternoon. A slow westward to west-northwestward motion is expected to resume overnight and continue into early Tuesday. A turn toward the northwest is forecast by late Tuesday, with a northeastward motion forecast to begin by Wednesday night. On this track, the core of extremely dangerous Hurricane Dorian will continue to pound Grand Bahama Island into Tuesday morning. The hurricane will then move dangerously close to the Florida east coast late Tuesday through Wednesday evening and then move dangerously close to the Georgia and South Carolina coasts on Wednesday night and Thursday.

An Air Force Reserve Hurricane Hunter aircraft has found that maximum sustained winds are near 145 mph (230 km/h) with higher gusts. Dorian is a category 4 hurricane on the Saffir-Simpson Hurricane Wind Scale. Although gradual weakening is forecast,

Dorian is expected to remain a powerful hurricane during the next couple of days.

Hurricane-force winds extend outward up to 45 miles (75 km) from the center and tropical-storm-force winds extend outward up to 150 miles (240 km). Sustained winds of 55 mph (89 km/h) with a gust to 69 mph (111 km/h) was recently reported at a NOAA Coastal Marine observing site at Settlement Point on the west end of Grand Bahama Island. A wind gust of 43 mph (69 km/h) was reported at Opa Locka Airport near Miami earlier this afternoon.

The latest minimum central pressure reported by an Air Force Reserve Hurricane Hunter aircraft is 940 mb (27.76 inches).

HAZARDS AFFECTING LAND

WIND: Devastating hurricane conditions continue on Grand Bahama Island. Do not venture out into the eye, as winds will suddenly increase after the eye passes.

Hurricane conditions are expected within the Hurricane Warning area in Florida by Tuesday. Hurricane conditions are possible in the Hurricane Watch area beginning Wednesday.

Tropical storm conditions are expected within the Tropical Storm warning area through Tuesday, and are possible in the Tropical Storm watch area by tonight.

STORM SURGE: A life-threatening storm surge will raise water levels by as much as 12 to 18 feet above normal tide levels in areas of onshore winds on Grand Bahama Island. Near the coast, the surge will be accompanied by large and destructive waves. Water levels should very slowly subside on the Abaco Islands during the day.

The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Lantana to South Santee River...4 to 7 ft
North of Deerfield Beach to Lantana...2 to 4 ft

Water levels could begin rise well in advance of the arrival of strong winds. The surge will be accompanied by large and destructive waves. Surge-related flooding depends on the how close the center of Dorian comes to the coast, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

RAINFALL: Dorian is expected to produce the following rainfall totals through late this week:

Northwestern Bahamas...Additional 6 to 12 inches, isolated storm totals of 30 inches.

Central Bahamas...Additional 1 to 3 inches, isolated storm totals of 6 inches.

Coastal Carolinas...5 to 10 inches, isolated 15 inches.

Atlantic Coast from the Florida peninsula through Georgia...4 to 8 inches, isolated 10 inches.

This rainfall may cause life-threatening flash floods.

SURF: Large swells are affecting east-facing shores of the Bahamas and the Florida east coast, and will spread northward along the southeastern United States coast during the next few days. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

TORNADOES: Isolated tornadoes are possible through Tuesday along the eastern coast of Florida.

NEXT ADVISORY

Next intermediate advisory at 800 PM EDT.
Next complete advisory at 1100 PM EDT.

\$\$

Forecaster Brown

NWS Activities

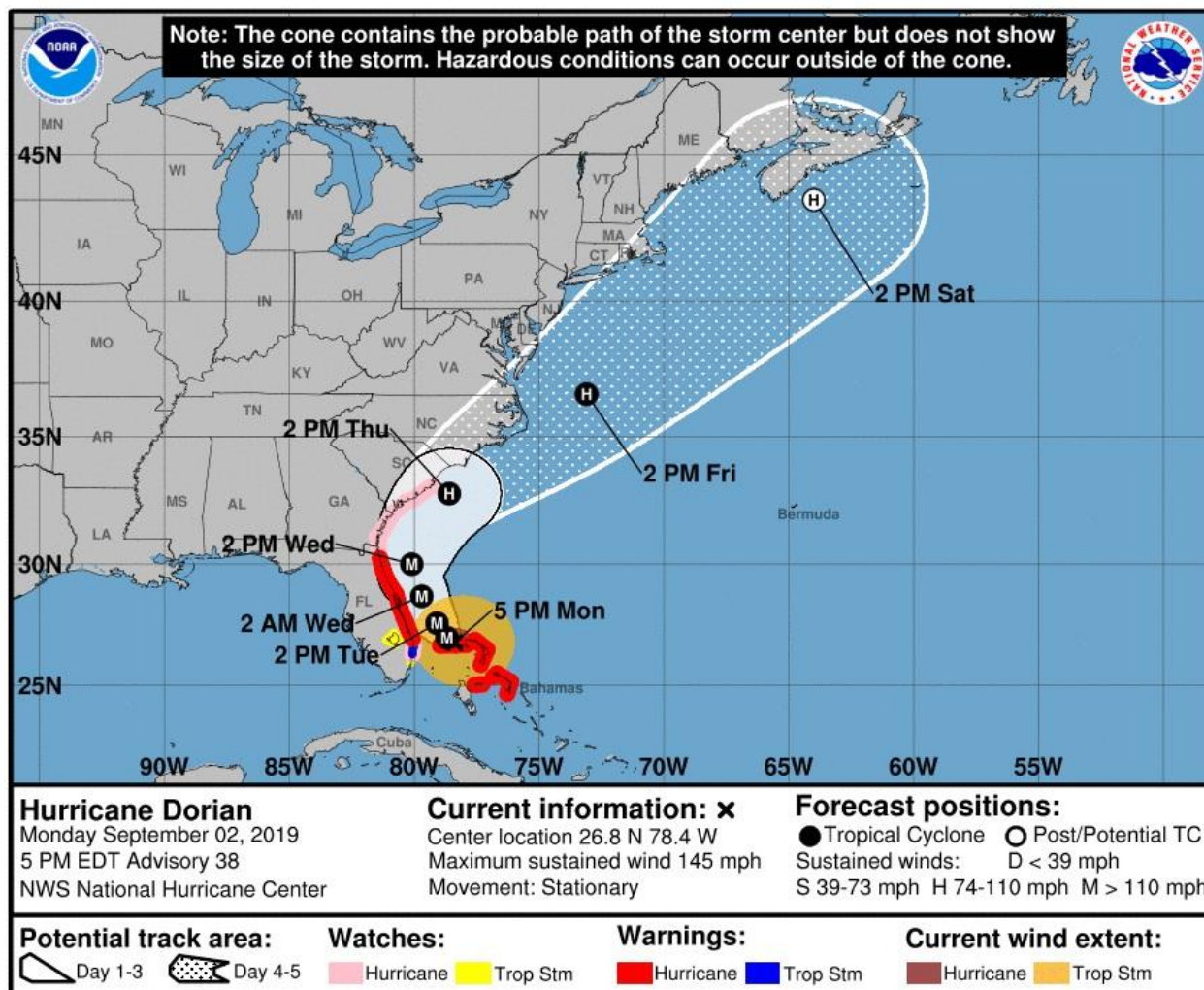
- Southern Region - Regional Operations Center (SR-ROC) is at Level 1 and remains at 24x7 operations.
- Weather Prediction Center will deploy an ERS to FEMA-NRCC Tuesday and Wednesday (Sep 3-4) to support with rainfall decisions.
- WPC began issuing Excessive Rainfall Outlook graphics for Dorian this morning.
- Based on the ARTSCC National Aviation Meteorologist briefings for hurricane Dorian, the FAA JCAT is now in 24-hour operations.
- CWSU Miami is providing webinars to local FAA partners regarding Hurricane Dorian.
 - Palm Beach Terminal Radar Approach Control (TRACON) and the Fort Lauderdale airport have closed their facilities ahead of impacts from Dorian.
- Storm Prediction Center continues to participate in the National Hurricane coordination calls.
- WFOs across Florida, Georgia, Alabama, Louisiana and Southeast RFC continue to send email briefings and conduct routine webinars for partners.
- Alabama WFOs will continue to participate in daily State Coordination Group calls with AEMA and the governor's cabinet, until there is no longer a direct threat.
- North Carolina, South Carolina and Virginia coastal offices are providing several briefings per day to partners, as well as regular updates to the public via social media and video briefings.
- WFO Charleston (CHS) is briefing USCG Charleston and Savannah.
- WFO Columbia (CAE) continues to provide remote decision support to the South Carolina Governor and onsite support at South Carolina State EOC.
- WFO Columbia (CAE) Warning Coordination Meteorologist briefed the media and Governor's staff Sunday afternoon at the South Carolina Emergency Management Division.
- WFO Wakefield, VA (AKQ) will be providing on-site support to the Virginia Department of Emergency Management beginning today.
- A number of Eastern Region staff have been deployed to offices in the Carolinas and the Regional Operations Center to provide logistics, and operations support to the affected WFOs.
- WFO Tallahassee (TAE) has been providing briefings for multiple counties, the State of Alabama and Florida, and the Tallahassee International Airport.
 - TAE briefed the Florida Governor's offices several times regarding the progress of Hurricane Dorian.
 - TAE conducted a briefing to all the Tribal Nations in Florida regarding the impacts with Dorian.
- SR-ROC ERS conducted a briefing with a congressional group from Georgia at the FEMA Region IV Response Center.
- Ocean Prediction Center (OPC) briefed USCG D5 on Sunday in coordination with the NHC.
- The National Water Center (NWC) created a National Water Model/Weather Prediction Center Quantitative Precipitation Forecast (QPF) potential flood threat graphic.
 - Briefed NOAA and NWS Leadership on potential riverine flooding impacts.
- NWS Liaison to FEMA IMAT East participated and briefed at the federal response operations meeting on Sunday.
- The GIS Mutual Aid group was requested to create a Hurricane Dorian ArcGIS online Hydrology Dashboard for teams at the Florida EOC to leverage during the hurricane.

NOAA Links

- [NWS National Hurricane Center](#)
- [NOAA Quicklook for Dorian](#)
- [NOAA GOES Satellite Loop - Dorian](#)

NOAA Graphics

Forecast Track for Dorian



Key Points for Dorian

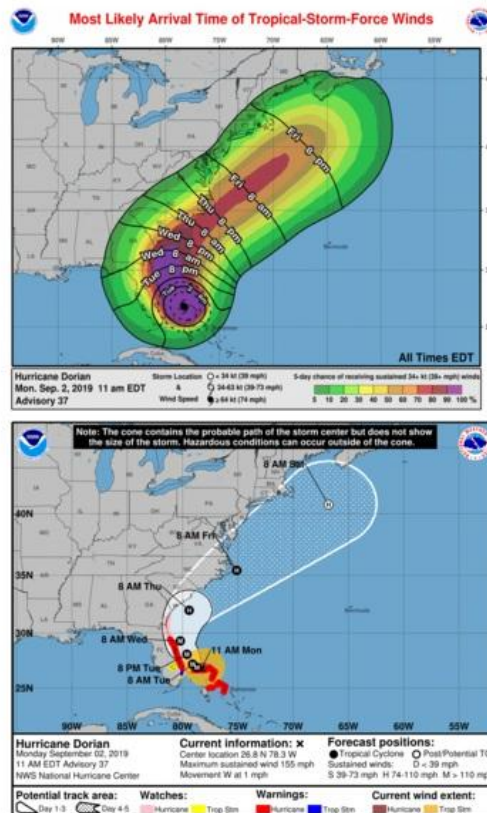


Key Messages for Hurricane Dorian

Advisory 37: 11:00 AM EDT Mon Sep 02, 2019



1. A prolonged period of catastrophic winds and storm surge will continue to affect Grand Bahama Island through today and tonight. Everyone there should remain in shelter and not venture into the eye.
2. Life-threatening storm surge and dangerous hurricane-force winds are expected along portions of the Florida east coast and Georgia coast, regardless of the exact track of Dorian's center. Water levels could begin to rise well in advance of the arrival of strong winds. Residents in these areas should follow advice given by local emergency officials.
3. The risk of life-threatening storm surge and hurricane-force winds continues to increase along the coasts of South Carolina and North Carolina. Residents in these areas should follow advice given by local emergency officials.
4. Heavy rains, capable of producing life-threatening flash floods, are expected over northern portions of the Bahamas and coastal sections of the Southeast and lower Mid-Atlantic regions of the United States into Friday.



For more information go to hurricanes.gov

For the latest information on current tropical systems, please visit the NOAA/NWS [National Hurricane Center](https://www.nhc.noaa.gov)



Key Messages for Hurricane Dorian

Advisory 37: 11:00 AM EDT Mon Sep 02, 2019

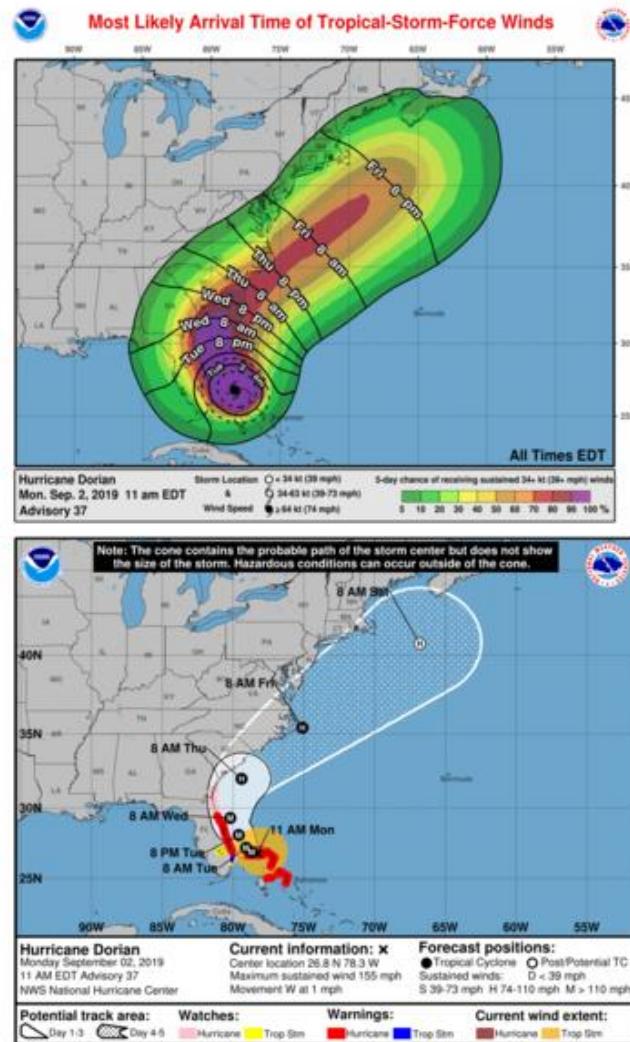


1. A prolonged period of catastrophic winds and storm surge will continue to affect Grand Bahama Island through today and tonight. Everyone there should remain in shelter and not venture into the eye.

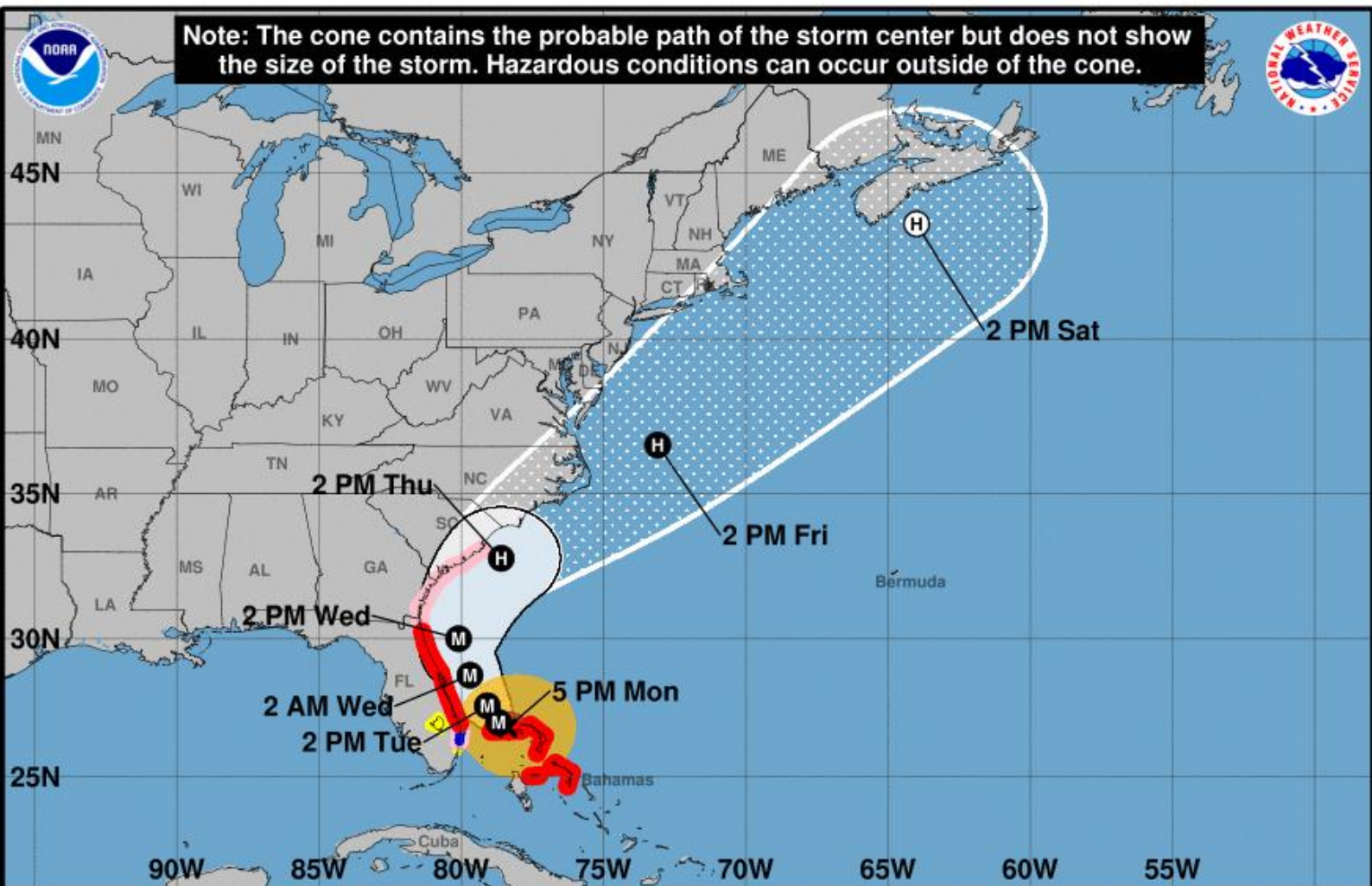
2. Life-threatening storm surge and dangerous hurricane-force winds are expected along portions of the Florida east coast and Georgia coast, regardless of the exact track of Dorian's center. Water levels could begin to rise well in advance of the arrival of strong winds. Residents in these areas should follow advice given by local emergency officials.

3. The risk of life-threatening storm surge and hurricane-force winds continues to increase along the coasts of South Carolina and North Carolina. Residents in these areas should follow advice given by local emergency officials.

4. Heavy rains, capable of producing life-threatening flash floods, are expected over northern portions of the Bahamas and coastal sections of the Southeast and lower Mid-Atlantic regions of the United States into Friday.



For more information go to hurricanes.gov



Hurricane Dorian
 Monday September 02, 2019
 5 PM EDT Advisory 38
 NWS National Hurricane Center

Current information: x
 Center location 26.8 N 78.4 W
 Maximum sustained wind 145 mph
 Movement: Stationary

Forecast positions:
 ● Tropical Cyclone ○ Post/Potential TC
 Sustained winds: D < 39 mph
 S 39-73 mph H 74-110 mph M > 110 mph

Potential track area:	Watches:	Warnings:	Current wind extent:
Day 1-3 Day 4-5	Hurricane Trop Stm	Hurricane Trop Stm	Hurricane Trop Stm



NWS Operations Center

Katherine Brogan - NOAA Federal

From: Katherine Brogan - NOAA Federal
Sent: Monday, September 2, 2019 9:37 PM
To: Julie Roberts - NOAA Federal
Subject: Re: MSNBC request for Dr. Jacobs...

Hi Julie,

I am going to also assume then that he would prefer to have Steve give the NOAA update for the 3 pm press call tomorrow? Please let me know if that has been firmed up. I have not heard from him about his preference.

Thanks,
Kate

Kate Brogan
Special Projects Coordinator
Office of the Assistant Secretary of Commerce for Environmental Observation and Prediction
(Cell) (b)(6) // (HCHB) 202/482-1026
On detail from NOAA Communications

On Mon, Sep 2, 2019 at 9:31 PM Julie Roberts - NOAA Federal <julie.roberts@noaa.gov> wrote:
Spoke to Neil he wants to hold off for tomorrow until the storm decides what it is doing. Can we focus on either Ginger or AI (or both) for Wednesday?

Kindest regards,
Julie Kay Roberts, CEM
Deputy Chief of Staff
National Oceanic and Atmospheric Administration

"You can tell a lot about a fellow's character by his way of eating jelly beans." President Ronald Reagan

-----Original Message-----

From: Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov>
Sent: Monday, September 2, 2019 9:08 PM
To: Julie Roberts - NOAA Federal <julie.roberts@noaa.gov>
Cc: Katherine Brogan - NOAA Federal <katherine.brogan@noaa.gov>; Scott Smullen - NOAA Federal <scott.smullen@noaa.gov>
Subject: Re: MSNBC request for Dr. Jacobs...

They prefer in studio and for Andrea Mitchell that's likely the studio on Nebraska Ave. (colocated with local NBC).

Let me know when we have the green light for that plan then I will loop you in with the producer for logistics.

Sent from my iPhone

> On Sep 2, 2019, at 9:02 PM, Julie Roberts - NOAA Federal
> <julie.roberts@noaa.gov> wrote:
>
> I sent to Neil he should be good with it as that was our plan earlier
> today.
> I prefer noon with Andrea giving him the 11am advisory to speak to.
> Would they want him from NRCC? If that is an option then Kate can work
> with the team tomorrow on timing. I'll be available to accompany him
> to the studio if needed.
>
> Thank you for working on this today.
>
> Kindest regards,
> Julie Kay Roberts, CEM
> Deputy Chief of Staff
> National Oceanic and Atmospheric Administration
>
> "You can tell a lot about a fellow's character by his way of eating
> jelly beans." President Ronald Reagan
>
> -----Original Message-----
> From: Christopher Vaccaro - NOAA Federal
> <christopher.vaccaro@noaa.gov>
> Sent: Monday, September 2, 2019 8:55 PM
> To: Julie Roberts <julie.roberts@noaa.gov>; Kate Brogan
> <katherine.brogan@noaa.gov>
> Cc: Scott Smullen <scott.smullen@noaa.gov>
> Subject: MSNBC request for Dr. Jacobs...
>
> MSNBC would like to include Dr. Jacobs in their programming tomorrow.
>
> They could likely accommodate him anytime between 9am and 4pm. Their
> shows at 10am (Hallie Jackson) and Noon (Andrea Mitchell) are anchored
> in DC and could be done in person, which they prefer. Having him with
> Andrea Mitchell would be fantastic.
>
> Let me know what could work and if either of you can accompany him to
> the studio. I'm actually on leave tomorrow - reachable but not deployable.
>
> -Chris

Mary Erickson - NOAA Federal

From: Mary Erickson - NOAA Federal
Sent: Sunday, September 8, 2019 10:35 AM
To: Kevin Laws - NOAA Federal; Chris Darden - NOAA Federal; John DeBlock - NOAA Federal
Cc: Alexandra Keclik - NOAA Federal; Kevin Cooley; Steven Cooper; _NWS OCOS; John Murphy
Bcc: Dr. Louis Uccellini
Subject: Re: NWS Leadership to Visit WFO Birmingham

Good morning all,

Our apologies - no need to respond here, as we just got a few coordination wires crossed. It's all good, as we want to show our continued support.

COO John Murphy and SR Director Steven Cooper will visit, as scheduled, on Monday, so Kevin and I won't add to the business of your day.

Best,
Mary

Sent from my iPhone
Mary Erickson
NOAA DAA for Wx Services
(b)(6) (Cell)

> On Sep 8, 2019, at 9:09 AM, Alexandra Keclik - NOAA Federal <alexandra.keclik@noaa.gov> wrote:

>

> Hi Chris, Kevin, and John,

>

> I wanted to give you a heads up that Mary Erickson and Kevin Cooley are planning on visiting WFO Birmingham tomorrow, the 9th. Mary will likely arrive in the 2:30-3pm time frame. Kevin is expected to arrive later in the afternoon. They are cc'd on this email, and either them or someone from the Chief of Staff office will provide an update.

>

> If possible, can you provide the WFO address, directions from the Birmingham Airport, and a few talking points on the office?

>

> Kind regards,

>

> Alli Keclik

>

>

> --

> Alexandra Keclik

- > Executive Officer
- > Office of the Assistant Administrator
- > National Weather Service Headquarters
- >
- > Cell: (b)(6)

Julie Roberts - NOAA Federal

From: Julie Roberts - NOAA Federal
Sent: Friday, September 6, 2019 5:05 PM
To: Wendy Lewis
Subject: Fwd: Statement from NOAA

Don't forward call me

Kindest regards,
Julie Kay Roberts
Deputy Chief of Staff
National Oceanic and Atmospheric Administration

Begin forwarded message:

From: NOAA Communications <noaa@meltwater.com>
Date: September 6, 2019 at 4:45:02 PM EDT
To: julie.roberts@noaa.gov
Subject: Statement from NOAA



Statement attributable to a NOAA Spokesperson

September 6, 2019

From Wednesday, August 28, through Monday, September 2, the information provided by NOAA and the National Hurricane Center to President Trump and the wider public demonstrated that tropical-storm-force winds from Hurricane Dorian could impact Alabama. This is clearly demonstrated in Hurricane Advisories #15 through #41, which can be viewed at the following [link](#).

The Birmingham National Weather Service's Sunday morning tweet spoke in absolute terms that were inconsistent with probabilities from the best forecast products available at the time.

NOAA's mission is to understand and predict changes in the Earth's environment, from the depths of the ocean to the surface of the sun, and to conserve and manage our coastal and marine resources. Join us on [Twitter](#), [Facebook](#), [Instagram](#) and our other [social media channels](#).

Stay Connected:



This email was sent to julie.roberts@noaa.gov
NOAA, 1401 Constitution Avenue NW, Room 6028, Washington, DC 20230, USA
[Unsubscribe](#)

Jerry Slaff - NOAA Federal

From: Jerry Slaff - NOAA Federal
Sent: Friday, September 6, 2019 7:04 PM
To: julie.roberts@noaa.gov; david.p.miller@noaa.gov
Subject: Fwd: Statement from NOAA

Sent from my iPhone

Begin forwarded message:

From: "Borenstein, Seth" <SBorenstein@ap.org>
Date: September 6, 2019 at 6:27:09 PM EDT
To: NOAA Communications <noaa@meltwater.com>, "Dennis.Feltgen@noaa.gov" <Dennis.Feltgen@noaa.gov>, "Susan.Buchanan@noaa.gov" <Susan.Buchanan@noaa.gov>, "maureen.oleary@noaa.gov" <maureen.oleary@noaa.gov>, Christopher Vaccaro <Christopher.Vaccaro@noaa.gov>, Scott Smullen <Scott.Smullen@noaa.gov>
Cc: "Freking, Kevin" <kfreking@ap.org>, "Benac, Nancy" <NBENAC@ap.org>
Subject: Re: Statement from NOAA

It's Seth Borenstein, AP science writer.

Was NOAA asked to put this statement out by the White House? Was this statement approved by any leader at the National Hurricane Center? Why was Alabama not mentioned in any of the wind speed probability charts, none? Are you saying that as of Monday Sept 2, Alabama was under a serious threat from Dorian? If so, how?

What percentage threat on each of those days mentioned? How come the National Hurricane Center never mentioned Alabama in any text advisories or charts if there was a serious threat? How many phone calls or emails or other forms of correspondence did NOAA get from the White House about Alabama and Dorian in the past week? Same with NHC?

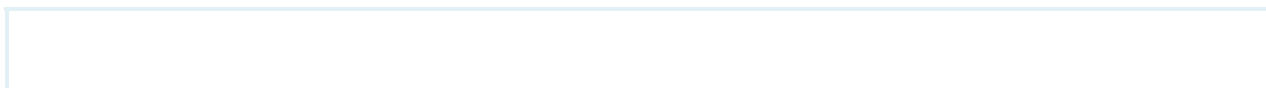
Do you worry about politics changing NOAA's credibility? Is this the first time the White House has intervened on hurricane messaging?

Thank you and I'm on deadline

Seth

Sent from my iPhone

On Sep 6, 2019, at 4:45 PM, NOAA Communications <noaa@meltwater.com> wrote:





Statement attributable to a NOAA Spokesperson

September 6, 2019

From Wednesday, August 28, through Monday, September 2, the information provided by NOAA and the National Hurricane Center to President Trump and the wider public demonstrated that tropical-storm-force winds from Hurricane Dorian could impact Alabama. This is clearly demonstrated in Hurricane Advisories #15 through #41, which can be viewed at the following [link](#).

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Stay Connected:



This email was sent to seth.borenstein@nyu.edu
NOAA, 1401 Constitution Avenue NW, Room 6028, Washington, DC 20230, USA
[Unsubscribe](#)

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Beth Dumesco

From: Beth Dumesco
Sent: Saturday, September 7, 2019 1:25 PM
To: julie.roberts@noaa.gov
Subject: Fwd: Statement on Dorian and Alabama

----- Forwarded message -----

From: **Beth Dumesco** (b)(6) >
Date: Sat, Sep 7, 2019 at 12:05 PM
Subject: Re: Statement on Dorian and Alabama
To: <neil.jacobs@noaa.gov>

I would like to add that you need to read your own agency's policy on public information dissemination.

Here's the link: https://www.cio.noaa.gov/services_programs/IQ_Guidelines_103014.html

Mr. Jacobs, if you okayed the posting of the statement, you need to resign.

On Sat, Sep 7, 2019 at 11:15 AM Beth Dumesco (b)(6) > wrote:

I read this statement on the homepage of your website:

From Wednesday, August 28, through Monday, September 2, the information provided by NOAA and the National Hurricane Center to President Trump and the wider public demonstrated that tropical-storm-force winds from Hurricane Dorian could impact Alabama. This is clearly demonstrated in Hurricane Advisories #15 through #41, which can be viewed at the [following link](#).

The Birmingham National Weather Service's Sunday morning tweet spoke in absolute terms that were inconsistent with probabilities from the best forecast products available at the time.

I am in shock, but I'm not disbelieving what I see. It appears that NOAA has come under political influence, specifically under the influence of Mr. Trump. It appears that someone outside of NOAA wrote this statement, **but there it is**, front and center, in **large font** on your homepage. I can't believe a professional meteorologist wrote this statement. It reads like a lawyer wrote it.

This is so wrong on so many levels!

1. The Montgomery Alabama office was correct to issue a short tweet correcting the misinformation. They didn't mention Trump's name. It was Trump who politicized the tweet.
2. Politicizing NOAA makes it harder to trust you. Your ability to meet your mission is being sullied for the sake of Trump's ego and inability to admit to any mistake, no matter how trivial.
3. Yet another institution of government is caving to the childish demands of a man who was accidentally elected and proves himself to be irrational every day. I don't expect or want NOAA to weigh in on what Trump says about the weather. Just say what you think to be true, like that man in Alabama.

I can believe that Trump threatened NOAA with reduced funding. This at a time when you are working hard to improve services, accuracy, the website, statements... But, if you let Trump get away with this, your credibility is decreased. Without credibility, what

have you got? **Either put a name or names on this statement and back it up or disavow the statement as political, not coming from NOAA, and take it down.**

I want to add how I feel about it and how this affects me personally. I live on my boat in the Chesapeake Bay. I need to have the best, most accurate information on major storms. If a hurricane is coming close, as Isabelle did, I need to take evasive action. Depending on the storm's track, I will decide to get hauled out, (which is an expense, and I can't live on the boat while its on shore), move to a more sheltered marina slip, or head to a "hurricane hole" and anchor out, running lines to nearby trees. All involve a lot of work, stripping everything that creates windage off the decks, protecting electronics, and taking the mast down. Now, I wonder if I can trust NOAA and NHC. If you alter past forecasts to suit Trump, what's to stop you from altering forecasts that Trump doesn't like? What if Trump plans a rally in North Carolina and the forecast is heavy rain and flooding, but Trump wants his "huge audience with thousands of people outside?" What if Trump has a meeting scheduled at one of his resorts, and he doesn't want to reschedule it? Should I check with independent meteorologists to get their predictions? But aren't those meteorologist dependent on NOAA observations and data? Who else has the capability to do that level of data gathering and analysis? Maybe I should look to Canada, Germany or the UK for their weather services' predictions?

Sincerely yours,
Beth Dumesco

--

E. BETH DUMESCO
Aboard M.Y. *Compass Rose*

Mobile: (b)(6)
(b)(6)

--

E. BETH DUMESCO
Aboard M.Y. *Compass Rose*

Mobile: (b)(6)
(b)(6)

--

E. BETH DUMESCO
Aboard M.Y. *Compass Rose*

Mobile: (b)(6)
(b)(6)

Deb Smyth

From: Deb Smyth
Sent: Saturday, September 7, 2019 5:47 PM
To: julie.roberts@noaa.gov
Subject: Lies for trump

You really should be ashamed of yourself as an American and a woman. To stab in the back all of the dedicated scientists that work on behalf of the USA (and the world), to get your 30 pieces of silver from a lying, ignorant, Putin loving traitor is beyond the pale. That's the nicest possible way I can put it. I hope you are forever shunned and never get an honest job again, with all that brown on your nose you will carry the stench of eau de trump always, and it really, really stinks.

Sent from [Mail](#) for Windows 10

Chris Tobkin

From: Chris Tobkin
Sent: Saturday, September 7, 2019 5:54 PM
To: julie.roberts@noaa.gov
Subject: Destroying NOAA's reputation

Dear Ms. Roberts,

As an ordinary citizen I just want you to know how disgusted I am with the statement you just issued late Friday afternoon, siding with Trump's [Sept. 1 assertion](#) that Alabama "would most likely be hit (much) harder than anticipated" by Hurricane Dorian, even after its own National Weather Service office in Birmingham had accurately [tweeted](#): "Alabama will NOT see any impacts from #Dorian."

We all know that you and your boss are political appointees affiliated with the Trump campaign, but to put politics above science and disparage your own agency scientists is despicable and deplorable. Shame, shame, shame on you. You owe the people of this country honesty above all. It's my tax dollars that help pay your salary and if I could, I'd fire you on the spot. You should hang your head and resign now.

Chris Tobkin

--

Chris Tobkin

"If you don't stand for something, you'll fall for anything." -Malcolm X

Terry James

From: Terry James
Sent: Saturday, September 7, 2019 6:18 PM
To: julie.roberts@noaa.gov
Subject: Statement from NOAA dated 06 September 2019

Ms. Roberts--

Were you responsible for drafting and releasing the statement disavowing the social media posts of the Birmingham (AL) NWS office?

This statement specifically?

"From Wednesday, August 28, through Monday, September 2, the information provided by NOAA and the National Hurricane Center to President Trump and the wider public demonstrated that tropical-storm-force winds from Hurricane Dorian could impact Alabama. This is clearly demonstrated in Hurricane Advisories #15 through #41, which can be viewed at the following link.

The Birmingham National Weather Service's Sunday morning tweet spoke in absolute terms that were inconsistent with probabilities from the best forecast products available at the time."

Thanks for taking the time to respond...

Terry James

Sault Sainte Marie, MI

Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Thursday, September 5, 2019 5:27 PM
To: Chris Darden - NOAA Federal
Cc: Steven Cooper
Subject: Re: Followup to Today's Social Media/Public Inquiries

(b)(5)

Media guidance from yesterday still applies.

On Thu, Sep 5, 2019 at 5:25 PM Chris Darden - NOAA Federal <chris.darden@noaa.gov> wrote:

This has really gotten out of hand. One of my forecasters just messaged me and said CNN is contacting him on his personal twitter asking for comment.

Chris

Sent from my iPhone

On Sep 5, 2019, at 3:26 PM, Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov> wrote:

FYI: New Tweet moments ago:

<https://twitter.com/realDonaldTrump/status/1169705282123046913>

On Thu, Sep 5, 2019 at 1:01 PM Chris Darden - NOAA Federal <chris.darden@noaa.gov> wrote:

Chris,

Sounds good. Will keep you posted.

Chris

On Thu, Sep 5, 2019 at 11:58 AM Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov> wrote:

Thanks... additional Tweets this morning helped fuel this story into today. Just keep flagging inquiries for me or fully redirect (without reply or comment) inquiries to me.

-Chris

On Thu, Sep 5, 2019 at 12:55 PM Chris Darden - NOAA Federal <chris.darden@noaa.gov> wrote:

Chris,

She didn't say what the interview was to be about, but my guess is it's either the Sunday

POTUS tweet or the followups including yesterdays press conference.

They ran another article today:

<https://www.cnn.com/2019/09/05/politics/alabama-dorian-donald-trump/index.html>

Chris

On Thu, Sep 5, 2019 at 11:51 AM Christopher Vaccaro - NOAA Federal

<christopher.vaccaro@noaa.gov> wrote:

Hi Chris-

Thanks for the heads up. Did they leave a specific message or are we to assume it's about Dorian and Alabama?

-Chris

On Thu, Sep 5, 2019 at 12:32 PM Chris Darden - NOAA Federal <chris.darden@noaa.gov> wrote:

Chris,

fyi...

We just got a call from the CNN New Day program wanting us to do an on camera or phone interview. The desk number is 646-467-1742.

I let it go to voicemail.

Chris

----- Forwarded message -----

From: **Chris Darden - NOAA Federal** <chris.darden@noaa.gov>

Date: Sun, Sep 1, 2019 at 8:41 PM

Subject: Followup to Today's Social Media/Public Inquiries

To: _NWS SR BMX <sr-bmx.all@noaa.gov>

Cc: Mike Coyne <mike.coyne@noaa.gov>, Jose Garcia <Jose.Garcia@noaa.gov>, Susan Buchanan - NOAA Federal <susan.buchanan@noaa.gov>

Everyone,

First off, I hope everyone is having a great holiday weekend.

Earlier today, the BMX office started receiving an inordinate number of questions concerning Dorian and potential impacts in Alabama. The day shift did not know what precipitated this escalation in calls/social media questions, but deemed it prudent to provide some type of clarification on official social media channels.

Thus, the attached tweet and FB post (screen captures) were posted. These were shared/retweeted by numerous sources including local media and eventually

regional/national outlets. It was later learned that the uptick in calls/concern regarding Alabama may have been related to a White House tweet earlier in the day.

Some in media assumed, understandably so, that our social media posts were a direct response to the WH post. In fact, they were not as we were not even aware of them at the time. It was directly in response to the increase in calls from anxious and panicked citizens and core partners. The state of Alabama and the Gulf Coast has been through a tremendous amount in the past 12 months, and it's understandable that folks are on edge.

Our job is to provide forecasts and weather information in ways that supports core partners and benefits the lives and safety of the US citizenry. That is clearly what we are doing, and kudos to the day shift for reacting to a need quickly. I did ask that we remove the term "WE" from our social media posts (after coordination with SR) and that was done for the editable FB post. Of course the tweet had already been picked up by many media outlets and deleting it would cause more confusion.

If we get any calls or questions about this, please forward them to me. I have cc'd SRH and also Susan Buchanan for their awareness.

Thanks!

Chis

--

Chris Darden
Meteorologist in Charge
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465 Weathervane Road
Calera, AL 35040

Phone: 205-664-3010 extension 222

E-Mail: chris.darden@noaa.gov

Website: <http://www.weather.gov/bmx>

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Chris Vaccaro

Senior Media Relations Specialist
NOAA Communications

C: (b)(6) / O: 202-482-3978

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Chris Vaccaro



Senior Media Relations Specialist
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Christopher Vaccaro - NOAA Federal

From: Christopher Vaccaro - NOAA Federal
Sent: Friday, September 6, 2019 10:08 AM
To: Chris Darden - NOAA Federal
Subject: Re: Followup to Today's Social Media/Public Inquiries

Thanks...and so sorry that you've (and we've all) had to deal with this.

On Fri, Sep 6, 2019 at 10:06 AM Chris Darden - NOAA Federal <chris.darden@noaa.gov> wrote:
It was the tweet and FB post. Let me send them to you.

Chris

On Fri, Sep 6, 2019 at 9:01 AM Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov> wrote:

Hi Chris-

I was reading below to your original email from Sunday. What were the two attachments?

Thanks...

On Thu, Sep 5, 2019 at 5:45 PM Chris Darden - NOAA Federal <chris.darden@noaa.gov> wrote:
Gotcha thanks. We are forwarding everything your way generally.

Chris

Sent from my iPhone

On Sep 5, 2019, at 4:27 PM, Christopher Vaccaro - NOAA Federal <christopher.vaccaro@noaa.gov> wrote:

(b)(5)

Media guidance from yesterday still applies.

On Thu, Sep 5, 2019 at 5:25 PM Chris Darden - NOAA Federal <chris.darden@noaa.gov> wrote:

This has really gotten out of hand. One of my forecasters just messaged me and said CNN is contacting him on his personal twitter asking for comment.

Chris

Sent from my iPhone

On Sep 5, 2019, at 3:26 PM, Christopher Vaccaro - NOAA Federal

<christopher.vaccaro@noaa.gov> wrote:

FYI: New Tweet moments ago:

<https://twitter.com/realDonaldTrump/status/1169705282123046913>

On Thu, Sep 5, 2019 at 1:01 PM Chris Darden - NOAA Federal

<chris.darden@noaa.gov> wrote:

Chris,

Sounds good. Will keep you posted.

Chris

On Thu, Sep 5, 2019 at 11:58 AM Christopher Vaccaro - NOAA Federal

<christopher.vaccaro@noaa.gov> wrote:

Thanks... additional Tweets this morning helped fuel this story into today. Just keep flagging inquiries for me or fully redirect (without reply or comment) inquiries to me.

-Chris

On Thu, Sep 5, 2019 at 12:55 PM Chris Darden - NOAA Federal

<chris.darden@noaa.gov> wrote:

Chris,

She didn't say what the interview was to be about, but my guess is it's either the Sunday POTUS tweet or the followups including yesterday's press conference.

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